This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

**Usage guidelines**

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

**About Google Book Search**

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`

KF
3107
HN 3C8U 7

ICF 3107

HARVARD COLLEGE
LIBRARY

# A DESCRIPTIVE LIST OF THE COPPERS

ISSUED BY AUTHORITY, FOR THE

STATE OF CONNECTICUT,

FOR THE YEAR

1787.

THOMAS HALL, M. D.

BOSTON.

1892.

Privately printed, for additions and corrections.

KF 2107

HARVARD
UNIVERSITY
LIBRARY

1922-1923
Law Review Studies

1787. Obverse 1. Mailed bust facing right.

AUCTORI CONNEC

Mr. Crosby records three dies of this Obverse combined with Reverses A, C and L.

---

1-1. The smallest head of the year. The C punch identical with the same letter found upon the Vermont Cents.

The same die as Obverse 1 of 1788. See Crosby, Plate V. No. 11.

Combination 1-1
A

For Reverse A, see page 27.

---

1-2. The largest head of the year. Mutton Head. Head of Gov. Bradford. Bull's head, No. 76 Dick[redacted]son.

E C, close. Final C, distant from mail.

Combination 1-2
C

For Reverse C, see page 27.

---

1-3 Point of nose opposite right edge of O. Final C touches mail. A six pointed star at center of lower edge of mail below throat.

Combination 1-3
L

For Reverse L, see page 28.

---

1787. Obverse 2. Mailed bust facing left.

AUCTORI CONNEC

Mr. Crosby records one die of this Obverse combined with Reverse B.

---

Second N, doubly cut.

Combination 2
B

For Reverse B, see page 27

---

1787. Obverse 3.

AUCTORI CONNEC.

Mr. Crosby records one die of this Obverse combined with Reverse G.

---

Fillet ends tied in a bow. See Crosby Plate V. No. 12.

Combination 3
G

For Reverse G, see page 28.

---

1787. Obverse 4.

AUCTORI · CONNEC ·

Mr. Crosby records one die of this Obverse combined with Reverse L.

Obverse 4, *concluded.*

"Horned bust" Letters large and uniformly widely spaced. The periods nearly opposite the center of letters as in Mr. Crosby's table.

Break near center of left field; later showing a continuous horn-like projection from front of mail near throat.

Combination 4
L

For Reverse L, see page 28

Upon a plate published by Dr. Maris, Obverse 4 is shown combined with Reverse M, and Obverse 6 with Reverse L. Dr. Maris informs me this was an error, the Reverses having been transposed.

1787. Obverse 5.

· AUCTORI · · CONNEC

Mr. Crosby records one die of this Obverse combined with Reverse P.

The periods placed nearly opposite the center of letters as shown in Mr. Crosby's table. C O, close.

Combination 5
P

For Reverse P, see page 29.

1787. Obverse 6.

· AUCTORI · · CONNEC ·

Mr. Crosby records two dies of this Obverse combined with Reverse M.

6-1. Laughing head. Periods opposite center of letters. I, over hair. Second period nearly over top leaf of wreath. Point of nose opposite right portion of C.

Combination 6-1
M

For Reverse M, see page 29.

6-2. Periods opposite center of letters. I and second period, distant to left of wreath. Point of nose opposite upright of T.

Break through star below neck to milling.

Combination 6-2
M

For Reverse M, see page 29.

1787. Obverse 7.

AUCTORI : CONNEC :

Mr. Crosby records one die of this Obverse combined with Reverse I.

Hercules head. I, high. Wide spacing between C and O, and between both N's. The same die as Obv. 5-3 of 1786. See Crosby, Plate V. No. 13.

Combination 7
I

For Reverse I, see page 28

## 1787. Obverse 8.

AUCTORI : ·: ⁝ CONNEC : ·:·

Mr. Crosby records one die of this Obverse combined with Reverses N and O.

Four periods in front of wreath. Mr. Crosby's table shows but three. Break from lower left stand of A; the same A punch used with Obv. 16-5.

Combinations $\frac{8}{N}$ and $\frac{8}{O}$

For Reverse N, see page 29.
For Reverse O, see page 29.

## 1787. Obverse 9.

+ AUCTORI + + + CONNEC+

Mr. Crosby records one die of this Obverse combined with Reverses D, E and R

First crosslet low, the remaining four about opposite the center of letters. Last crosslet very near C, as shown upon Mr. Crosby's table. Berries within wreath in triplets.

Combinations $\frac{9}{D, E}$ $\frac{9}{}$ and $\frac{9}{R}$

For Reverse D, see page 27.
For Reverse E, see page 27.
For Reverse R, see page 30.

## 1787. Obverse 10.

+ AUCTORI + + + + CONNEC +

Mr. Crosby records one die of this Obverse combined with Reverse E.

Second and third crosslets low, the remaining four about opposite the center of letters. Last crosslet distant from C, as shown upon Mr. Crosby's table. No berries within wreath.

Combination $\frac{10}{E}$

For Reverse E, see page 27.

## 1787. Obverse 11. See foot note A.

* AUCTORI * * CONNEC *

Mr. Crosby records two dies of this Obverse combined with Reverses E and K.

11-1 Stars with five blunt points. First and last stars near mail. I, distant to left of hair. No berries within wreath. The same die as Obverse 7 of 1788.

Combination $\frac{11\text{-}1}{E}$

For Reverse E, see page 27.

Foot Note A. The stars with five blunt points used with the legends of 1787 are similar to an asterisk, having a central elevation with five disconnected points.

Obverse 11, *concluded.*

11-2 Stars with five blunt points. First and last stars distant from mail. I, near hair. No berries within wreath. Break from C to T. See Crosby, Plate V. No. 14.

Combination 11-2
K

For Reverse K, see page 28.

1787. Obverse 12.

AUCTORI . ♣ CONNEC ♣

Mr. Crosby records one die of this Obverse combined with Reverse Q.

Twelve leaves in triplets. No berries. CONNEC weak, the die showing injury at lower portion of letters.

Same die as Obverse 8 of 1788.

Combination 12
Q

For Reverse Q, see page 29.

1787. Obverse 13.

AUCTORI * * CONNEC *

Mr. Crosby records one die of this Obverse combined with Reverse D.

Stars with six sharp points. Wreath of 9 leaves, with five berries. Break from milling to tops of R and O.

Combination 13
D

For Reverse D, see page 27.

1787. Obverse 14.

❧ AUCTORI ❧ ❧ ❧ CONNEC · ❧

Mr. Crosby records one die of this Obverse combined with Reverse H.

Uprights of T, R and I, heavy, all apparently made with the same punch. See Crosby, Plate V. No. No. 15.

Combination 14
H

For Reverse H, see page 28.

1787. Obverse 15.

♣ AUCTORI ♣ ♣ ♣ ♣ CONNECT ♣ ♣

Mr. Crosby records one die of this Obverse combined with Reverses F*, R and S.

Wreath of twelve leaves in triplets; six berries in pairs.

Obverse 15, *concluded.*

See Crosby, Plate V, No. 20.

Combinations 15 F*, 15 R and 15 S

For Reverse F*, see page 27.
For Reverse R, see page 30.
For Reverse S, see page 30.

1787. Obverse 16.

AUCTORI : CONNEC :

Mr. Crosby records four dies of this Obverse combined with Reverses L, M, N and O.

16-1. Letters large. Lower period of first colon, near hair. A, slightly distant from bust. Bottoms of R and I, close. *Second C, well on head.* Last C, low. *A curved fold of toga projects from bust near lower left corner of A.*

Combination 16-1
M[1]

For Reverse M[1], see page 35.

16-2. Letters large. A, distant from bust. C, clear of head. No break from left stand of A.

Combination 16-2
N N

For Reverse N N, see page 51.

16-3. Letters small. A, very distant from bust. Top of T, leans to left.

Combination 16-3
L[1] 2

For Reverse L[1], see page 35.

16-4. Letters large. A, very near, or touching bust.

Combination 16-4
N[1]

For Reverse N[1], see page 35.

16-5. Letters large. Break from left stand of A; the same A punch was used with Obverse 8 of 1787. Lower period of first colon distant to left of hair.

Combination 16-5
N[1]

For Reverse N[1], see page 35.

Upon sharp specimens three feebly defined periods are shown triangularly placed between the wreath and C; being apparently accidental and showing little or no evidence of having been made with a punch. This die has been classified as an Obverse not described in Mr. Crosby's work, the above mentioned triangularly placed periods being added to the legend.

1787. Obverse 17. See foot Note B.

AUCTORI : -+-CONNEC :

Mr. Crosby records one die of this Obverse combined with Reverse G.

Hyphen to right of cross connects with C.

Combination 17
G[1]-3

For Reverse G[1], see page 32.

Foot Note B. The large cross, found with the legends of 1787, is composed of five periods, as shown upon Mr. Crosby's table; as usually found, two crossed shafts are shown, the fine outline of the die having been obliterated. I shall refer to this cross as in the condition usually found.

1787. Obverse 18.

AUCTORI : ✚ ✚ CONNEC

Mr. Crosby records one die of this Obverse combined with Reverse G.

Sharp specimens show a large period following the final C, situated almost wholly upon the end of toga.

Final C connects with end of toga. See Crosby, Plate V. No. 16.

Combination 18
$G^{1}$-1

For Reverse $G^{1}$, see page 32.

1787. Obverse 19.

AUCTORI : ✚ ✚ CONNEC :

Mr. Crosby records one die of this Obverse combined with Reverse G.

Combination 19
$G^{1}$-4

For Reverse $G^{1}$, see page 33.

1787. Obverse 20.

AUCTORI : ✱ ✱ CONNEC :

Mr. Crosby records one die of this Obverse combined with Reverse A.

Letters large. A very near, or touching bust.

Break from upper left corner of second C.

Combination 20
$A^{1}$-2

For Reverse $A^{1}$, see page 31.

1787. Obverse 21.

AUCTORI : ✖ ✚ CONNEC : ✖

Mr. Crosby records one die of this Obverse combined with Reverse G.

I have not been successful in finding this die. The legend of Obverse 54 is the same, with the addition of hyphens to the second cross.

See Obverse 54, page 26.

1787. Obverse 22.

AUCTORI : ✱ ✚ CONNEC : ✖

Mr. Crosby records one die of this Obverse combined with Reverse C.

Top of T leans to left. First N, doubly cut.

Combination 22
$G^{1}$-2

For Reverse $G^{1}$, see page 32.

1787. Obverse 23.

AUCTORI : ✠- - ✠- CONNEC : - ✠-

Mr. Crosby records one die of this Obverse combined with Reverse A.

I have never been successful in finding this die. The legend of Obverse 45 is similar, with the addition of a cross with hyphens before AUCTORI, and a hyphen to left of cross following AUCTORI.

1787. Obverse 24.

- ✠- AUCTORI : - ✠- CONNEC :

Mr. Crosby records one die of this Obverse combined with Reverses F and G.

Top of first O leans to left. R, high. Lower period of first colon partly below I.

Combinations $\frac{24}{G^1\text{-}3}$, $\frac{24}{G^1\text{-}5}$ and $\frac{24}{FF}$

For Reverse $G^1$, see pages 32 & 33.
For Reverse FF, see page 49.

1787. Obverse 25.

✠ AUCTORI : ✖ ✠ CONNEC :

Mr. Crosby records one die of this Obverse combined with Reverse B.

Letters large. The cross with four hyphens I have found only with this die. The shafts of the third cross are crossed at right angles (Greek cross) and not diagonally (St. Andrews) as shown upon Mr. Crosby's table. See Crosby, Plate V. No. 17.

Combinations $\frac{25}{B^1}$ and $\frac{25}{M^1}$

For Reverse $B^1$, see page 31.
For Reverse $M^1$, see page 35.

1787. Obverse 26.

✠ AUCTORI : ✖ CONNEC : ✖

Mr. Crosby records one die of this Obverse combined with Reverses D, B and K.

The legend of the die under description differs a trifle from Mr. Crosby's table; the final cross having a well marked period to right, with rudimentary periods above and to left of same, which are not shown upon Mr. Crosby's legend of Obverse 26. The periods above referred to were easily effaced and are not shown upon ordinary specimens; I have therefore assumed this die to be the one referred to by Mr. Crosby, and continued its classification as such.

Letters large. R and I connect. Last cross between ends of toga.

Breaks from drapery to milling below last cross.

Combinations $\frac{26}{A^1\text{-}1}$, $\frac{26}{K^2\text{-}1}$ and $\frac{26}{AA}$

For Reverse $A^1$, see page 30.
For Reverse $K^2$, see page 48.
For Reverse AA, see page 48.

1787. Obverse 27.

✦ AUCTORI : ✖ ✖ CONNEC : ✖

Mr. Crosby records one die of this Obverse combined with Reverse A.

Letters large. *Fillet-ends opposite E and C. Lower period of last colon partly on toga.* E C, low.

Combination 27 $A^{1}$-1

For Reverse $A^{1}$, see page 30

1787. Obverse 28.

AUCTORI : ✦ ✦ CONNEC :

Mr. Crosby records one die of this Obverse combined with Reverses M and N.

Letters large. Stars with five blunt points. Lower fillet-end points at last colon.

Combinations 28 $M^{1}$ and 28 $N^{1}$

For Reverse $M^{1}$, see page 35.
For Reverse $N^{1}$, see page 35.

1787. Obverse 29.

AUCTORI : ✦ ✦ CONNEC : ✦

Mr. Crosby records two dies of this Obverse combined with Reverses N and P.

Letters large. Stars with five blunt points. Last star above end of toga. Upper fillet-end points at last colon.

The same die as Obv. 7, 1786. See Crosby, Plate V. No. 10.

Combinations 29 $A^{1}$-2, 29 $N^{1}$ and 29 $P^{1}$

For Reverse $A^{1}$. see page 31.
For Reverse $N^{1}$, see page 35.
For Reverse $P^{1}$, see page 35.

1787. Obverse 30.

AUCTORI : ✦ ✦ CONNEC : ✦

Mr. Crosby records one die of this Obverse combined with Reverses X and H.

Combinations 30 X-1 and 30 $H^{2}$-1

For Reverse X, see page 38.
For Reverse $H^{2}$, see page 48.

1787. Obverse 31.

✦ AUCTORI : ✦ ✦ CONNEC :

Mr. Crosby records three dies of this Obverse combined with Reverses R and G.

31-1. I, low. A light line near left of upright of T. Third cinquefoil spaced nearer to C than the wreath.

Combinations 31-1 $R^{1}$-4 and 31-1 $G^{2}$-1

For Reverse $R^{1}$, see page 36.
For Reverse $G^{2}$, see page 47.

Obverse 31, *concluded.*

31-2. Tops of R and I nearly upon the same curve.
Break connecting upper portion of third cinquefoil with wreath.

Combination 31-2 / $R^1$-3 — For Reverse $R^1$, see page 36.

---

1787. Obverse 32.

• AUCTORI . • • CONNEC . •

Mr. Crosby records six dies of this Obverse combined with Reverses F*, V, X, A and H.

32-1. First cinquefoil about half under bust. Second cinquefoil distant from first period and well to left of hair. Last cinquefoil closely spaced between period and end of toga. Lower fillet-end points at period and last cinquefoil. Lowest portions of E and C about upon the same curve.
Break connecting last cinquefoil with end of toga.

Combination 32-1 / X-3 — For Reverse X, see page 39.

---

32-2. First cinquefoil nearly half under bust. Second cinquefoil near first period and distant to left of hair. Upper portion of T symmetrical, as compared with 32-5. R, high with top leaning to right. Lowest portions of E and C about upon the same curve.

Combinations 32-2 / V, 32-2 / X-1, 32-2 / X-2 and 32-2 / X-4 — For Reverse V, see page 37.
For Reverse X, see page 38 &

32-3. First cinquefoil a trifle under bust. Right edge of second cinquefoil about upon a line with the left edge of front hair lock. Lower horizontal line of E, long. C, low. The E made with an F punch altered, specimens are occasionally found upon which this letter has the character of an F, possibly struck before the alteration; in this condition classified as a variety of Obverse 43

Combinations 32-3 / V and 32-3 / X-4 — For Reverse V, see page 37.
For Reverse X, see page 39.

32-4. First cinquefoil entirely to left of bust. Second cinquefoil distant from period and well to left of hair. The highest portion of second cinquefoil about level with the top of wreath. Third cinquefoil nearly equidistant between wreath and C.

Combinations 32-4 / X-5 and 32-4 / Z-3 — For Reverse X, see page 39.
For Reverse Z, see page 40.

32-5. First cinquefoil half under bust and very high. The highest portion of upper fillet-end about opposite the right edge of period. *Right upper portion of T, long.*
Break from milling through final C.

Combination 32-5 / $A^2$ — For Reverse $A^2$, see page 45.

Obverse 32, *concluded.*

32-6. First cinquefoil entirely to left of bust. Second cinquefoil low and near period. Third cinquefoil spaced nearer to the wreath than to C. Lower right corner of I, defective. First period very near I.

Combination 32-6
X-6

For Reverse X, see page 39.

32-7. First cinquefoil slightly under bust. Second cinquefoil near first period and distant to left of hair.

Combination 32-7
X-1

For Reverse X, see page 38.

1787. Obverse 33.

• AUCTORI : • • CONNEC : •

Mr. Crosby records forty dies of this Obverse combined with Reverses L, Q, R, S, T, W, Z and H.

**In varieties 1 to 20 inclusive, the upper fillet-end points at lower period of last colon.**

33-1. First cinquefoil a trifle under bust and slightly high. Second cinquefoil distant to left of hair. The highest portion of second cinquefoil, below top of wreath. Third cinquefoil about equidistant between wreath and C. Last cinquefoil above end of toga. Cinquefoils distant from colons. Upper period of first colon low; lowest portion of lower period about upon a line with the bottom of adjoining I. C, clear of head. All letters regularly spaced.

Break from milling through first C. Crescentic shaped break from milling to near top of wreath; later a break through last colon to lower fillet.

Combination 33-1
$S^1$-2

For Reverse $S^1$, see page 37.

33-2. First cinquefoil almost wholly under bust. The highest portion of second cinquefoil about upon the same curve as top of wreath. C O touch head. Second O, low. E C, close. Tops of R and I lean to right, the bottom of these letters being upon the same plane.

Combination 33-2
Z-9

For Reverse Z, see page 42.

33-3. First cinquefoil almost wholly to left of bust. Second cinquefoil near wreath and partly over hair. *Double cutting of first N.* The E apparently made with an F punch altered.

Break from milling through E.

Combination 33-3.
W-1.

For Reverse W, see page 38.

## Obverse 33, *continued.*

33-4. First cinquefoil slightly under bust. Second cinquefoil partly over and very near, or touching hair. Second and third cinquefoils near wreath. First colon, low. First O, low. C O, low and on head. Wide spacing between O and N.

Combinations $\frac{33\text{-}4}{Z\text{-}7}$ and $\frac{33\text{-}4}{Z\text{-}8}$ For Reverse Z, see page 41

---

33-5. First cinquefoil about half under bust. Second cinquefoil high, opposite upper period of first colon and distant to left of hair. The lowest portion of last cinquefoil about level with the right extremity of toga. Colons heavy. Top of R above top of adjoining O. C O clear of head. Top of second N leans to right.

Similar to 13-13, the only appreciable difference being in the relative position of the second cinquefoil.

Combination $\frac{33\text{-}5}{R^1\text{-}1}$ For Reverse $R^1$, see page 36

---

33-6. *Double cutting of second N.* Otherwise apparently identical with last.

Breaks from milling to left edge of last cinquefoil and from milling to lower end of toga.

Conbinations $\frac{33\text{-}6}{L^1\text{-}2}$ and $\frac{33\text{-}6}{Z\text{-}15}$ For Reverse $L^1$, see page 35.
For Reverse Z, see page 43.

---

33-7. First cinquefoil a trifle under bust, almost wholly to left of same.

Second cinquefoil opposite upper period of first colon and distant to left of hair. Lower period of first colon about half below the bottom of adjoining I.

All letters regularly spaced.

Break passing obliquely through upright of T.

Combinations $\frac{33\text{-}7}{R^1\text{-}2}$, $\frac{33\text{-}7}{R^1\text{-}4}$ and $\frac{33\text{-}7}{Z\text{-}10}$ For Reverse $R^1$, see page 36.
For Reverse Z, see page 42.

---

33-8. First cinquefoil slightly under bust and a trifle high. Second cinquefoil opposite upper period of first colon and not over hair. Last cinquefoil in regular position. Cinquefoils distant from colons. Top of R leans to right. C, clear of head. E, trifle high, the top leaning to right. An irregularity in the die at right of I; possibly the I and first colon over-struck, partially effacing some previous error in lettering.

Breaks from milling to A and E.

Combinations $\frac{33\text{-}8}{Z\text{-}13}$ and $\frac{33\text{-}8}{Z\text{-}19}$ For Reverse Z, see page 43 & 4

## Obverse 33, *continued*

33-9. First cinquefoil low and almost entirely to left of bust. A high. Second C touches head. Second O, low and clear of head. Final C, low.

Combination 33-9 T-2 — For Reverse T, see page 37.

---

33-10. First cinquefoil a trifle under bust. Last cinquefoil, high and opposite upper period of last colon. Top of R slopes to right. C O N widely spaced. *Three fillet-ends.* Last colon points at middle fillet-end. Apparently the bust upon this die was doubly cut.

Combinations 33-10 KK — For Reverse KK, see page 50.

---

33-11. First cinquefoil nearly half under and touching bust. Second cinquefoil very low, the highest point being level with the top of hair. Third cinquefoil near hair. Upper periods of both colons low. Periods of colons close. Top of U slopes to left. C, on head. A semicircular line over left upper portion of O in AUCTORI connecting with upper right corner of T.

Break from milling to upper end of toga, closing the final C.

Combinations 33-11 $Q^1$, 33-11 Z-1, 33-11 Z-6; 33-11 Z-7, 33-11 $F^2$-1, 33-11 $H^2$-2

For Reverse $Q^1$, see page 36.
For Reverse Z, see pages 40 & 41.
For Reverse $F^2$, see page 47.
For Reverse $H^2$, see page 48.

---

33-12. First cinquefoil slightly under bust. Second cinquefoil near but not over hair; the highest point being very much below top of wreath. Third cinquefoil spaced nearer to C than to wreath. Cinquefoils near colons. C, on head. Medium spacing between letters in AUCTORI. (Note that in 33-15 the letters are widely spaced in AUCTORI, particularly noticable between R and I and A and U). Irregularity in milling opposite E.

Break from lower right portion of drapery to milling.

Combinations 33-12 Z-5, 33-12 Z-12, 33-12 Z-17, 33-12 Z-21, 33-12 Z-22.

For Reverse Z, see pages 41, 42, 43, 44 & 45.

---

33-13. First cinquefoil about half under bust. Second cinquefoil a trifle over hair. Last cinquefoil between milling and upper end of toga. Colons heavy. C O, clear of head. Tops of O and R in AUCTORI about upon the same curve. Top of second N leans slightly to right. Similar to 33-5, the only appreciable differenee being in the relative positions of the second cinquefoils.

Combinations 33-13 $R^1$-1, 33-13 $G^2$-2

For Reverse $R^1$, see page 36.
For Reverse $G^2$, see page 47.

Obverse 33, *continued.*

33-14. First cinquefoil about one quarter under bust and a trifle high *C O. very close*

Break through AUCTO Break from milling through E.

Combinations 33-14 W-3, 33-14 Z-16, 33-14 Z-21, 33-14 Z-24

For Reverse W, see page 38.
For Reverse Z, see pages 43, 44.

33-15. First cinquefoil about one quarter bust. Second cinquefoil near and partly over hair. Last cinquefoil low. I high, the top leaning to right. C on head. O, well clear of head. Top of E, above top of adjoining N and leaning to right. Letters in AUCTORI widely spaced, particularly noticeable between R and I and A and U

Break over T O

Combinations 33-15 Z-18, 33-15 $G^{2}$-1

For Reverse Z, see page 44.
For Reverse $G^{2}$, see page 47.

33-16. First cinquefoil entirely to left of bust. Second cinquefoil very near both periods of first colon. Last cinquefoil a trifle low. C O, clear of head.

Break from milling to end of toga.

Combinations 33-16 Z-13, 33-16 Z-19

For Reverse Z, see pages 43 & 44.

33-17 First cinquefoil about half under bust. Second cinquefoil to left of hair. The lowest portion of the second cinquefoil is a trifle above the level of the highest portion of front hair-lock. Closer spacing between E C than between the other letters in CONNEC.

A circular break extends from beneath bust through first cinquefoil, connecting tops of letters AUCT and terminating in milling above first colon.

See Crosby Plate V, No. 19.

Combination 33-17 Z-14

For Reverse Z, see page 43.

33-18. First cinquefoil almost wholly to left of bust. Highest portion of second cinquefoil level with the top of wreath. Wide spacing between U and C and O and R. Top of R leans to right. E, doubly cut. Final C low.

Breaks through AUCTO to milling. Break through lower portion of bust to milling. Later breaks from front hair lock through second cinquefoil and top of wreath.

Combinations 33-18 $Q^{1}$ and 33-18 Z-2

For Reverse $Q^{1}$, see page 36.
For Reverse Z see page 40.

33-19. First cinquefoil almost wholly under bust. Third cinquefoil high. I, low and doubly cut. The E was made with an F punch clumsily altered. The new right lower corner of E points upwards to the right and is connected by a very light horizontal line with the bottom of the original F. The lower

## Obverse 33, *continued*

light horizontal line was apparently easily effaced by slight circulation leaving a sharp F with an upright line between F and C; in this condition it has frequently been classified as a CONNFC.

Combinations 33-19 Q¹, 33-19 Z-1, 33-19 Z-2 — For Reverse Q¹, see page 36. For Reverse Z, see page 40

---

**In varieties Nos. 21 to 28 inclusive, the upper fillet-end points between the last colon and cinquefoil; the top of upper fillet-end being opposite last colon.**

---

33-21. First cinquefoil entirely to left of bust. Third cinquefoil high. Periods of last colon close and near C. Top of U above top of adjoining C. O in CONNEC upon the same curve as adjoining N. Top of E leans to right.

Combinations 33-21 Z-4 and 33-21 H²-2 — For Reverse Z see page 41. For Reverse H², see page 48.

---

33-22. First cinquefoil entirely to left of bust. Top of U upon the same curve as adjoining C. C on head. C O, close. E, low.

Combination 33-22 Z-10 — For Reverse Z, see page 42.

---

33-23. First cinquefoil about half under bust. Second cinquefoil distant to left of hair. Wide spacing between O and R. Top of R leans to right. E and C closer than other letters in CONNEC.

Combinations 33-23 R¹-4 and 33-23 Z-16 — For Reverse R¹, see page 36. For Reverse Z, see page 43

---

33-24. First cinquefoil about three quarters under bust. Second cinquefoil distant to left of hair. I, high. Top of E slopes to right.

Break from second N to back of head, later continued through head and extremity of nose to milling.

Combinations 33-24 Z-11, 33-24 Z-16, 33-24 Z-20 — For Reverse Z, see pages 42, 43 & 44.

---

33-25. First cinquefoil entirely to left of bust. Tops of U and C about upon the same curve. Second O, low. Bottoms of E and C about upon the same curve. Similar to 33-21, the position of the letter U being the most strikingly distinguished feature.

Break from near left of neck and drapery, at first showing an interrupted line above, later continous through left edge of drapery to milling.

Combinations 33-25 W-3, 33-25 Z-10, 33-25 Z-24 — For Reverse W, see page 38. For Reverse Z, see pages 42 & 45.

Obverse 33, *continued.*

33-26. First cinquefoil half under, nearly or quite touching, bust. Second cinquefoil very near, or touching, hair. Second and third cinquefoils near wreath. Last cinquefoil opposite and near lower fillet-end, distant from end of toga. A, very high, top sloping to left. O in CONNEC, low and well on head. N above adjacent O.

Heavy break across lower portion of drapery.

Combinations 33-26 W-3 and 33-26 W-5 For Reverse W, see page 38.

**In varieties Nos. 29 to 43 inclusive, the lower fillet-end points at last colon.**

33-29. First cinquefoil about half under bust. Third cinquefoil high and nearly equally spaced between wreath and C. Upper periods of both colons low. Wide spacing between A and U. Tops of E and second N lean to right. EC close.

Break from last cinquefoil and end of toga to milling.

Combinations 33-29 Z-1 and 33-29 Z-2 For Reverse Z, see page 40.

33-30. First cinquefoil almost wholly to left of bust. Last cinquefoil between upper end of toga and milling. First colon very low, the lower period being very much below the lower edge of I. Periods of last colon widely spaced. Top of first O leans well to left. Wide spacing between C and T. Very wide spacing between CO and N.

Break through centre of nose and eye. Break from near top of wreath to milling.

Combinations 33-30 Z-3 and 33-30 Z-11 For Reverse Z, see pages 40 & 42

33-31. First cinquefoil almost entirely to left of bust. Lower period of first colon about half below the bottom of I. Upper left portion of T light or defective. AU and TO relatively closely spaced. Wide spacing between O, both N's and E. Both N's and E near milling. C, very low.

Combinations 33-31 W-2, 33-31 Z-3 and 33-31 Z-11 For Reverse W, see page 38.
For Reverse Z, see pages 40 & 42.

33-32. First cinquefoil about one quarter under bust. Letters in AUCTORI widely spaced. *A heavy dot below last colon near milling.* The letter before the final C was made with an F punch altered. The result of the alteration is unsatisfactory, the character of the original letter being but little changed. I have followed the probable intent of the engraver and called the letter an E; preferring this alternative to classifying a new obverse as CONNFC.

Combination 33-32 Z-9 For Reverse Z, see page 42.

Obverse 33, *continued.*

33-33. First cinquefoil nearly one quarter under bust. Second cinquefoil distant to left of hair. Cinquefoils close on colons. Last cinquefoil in regular position. Tops of O and R in AUCTORI, lean to right. I, high. Milling defective from a point to left of third cinquefoil to a point opposite upright of E.

Combinations 33-33 T-1, 33-33 T-2, 33-33 SS

For Reverse T, see page 37.
For Reverse SS, see page 51.

---

33-34. First cinquefoil about one quarter under bust. Second cinquefoil distant to left of hair. Third cinquefoil spaced nearer to C than to wreath. Upper periods of both colons low. Top of first O leans to right. C, clear of head. C and O relatively widely spaced.

Combinations 33-34 $S^1$-1, 33-34 Z-20

For Reverse $S^1$, see page 37.
For Reverse Z, see page 44.

---

33-35. First cinquefoil entirely to left of bust and high. Second cinquefoil near hair. Letters in AUCTORI mostly closely spaced. Letters in CONNEC close. I, heavy and low. Left portion of first N closed. E, doubly cut.

Combination 33-35 Z-13

For Reverse Z, see page 43.

---

33-36. First cinquefoil about one quarter under bust. Second cinquefoil near, and partly over, hair. Letters in AUCTORI widely spaced. Wide spacing between A and U. Top of first O slopes to right. Second O, low.

Break through bottom of letters AUCT, through O to milling. Later breaks from milling through upright of R to nose, and from milling through first colon downward towards nose.

Combinations 33-36 Z-1, 33-36 Z-6, 33-36 Z-23, 33-36 $G^2$-1

For Reverse Z, see pages 41 & 45.
For Reverse $G^2$, see page 47.

---

33-37. First cinquefoil entirely to left of bust and high. Second cinquefoil near, but not over, hair. Last cinquefoil above end of toga. Spacing between A and U and O and R in AUCTORI relatively wide. I, low.

Combination 33-37 $G^2$-2

For Reverse $G^2$, see page 47.

---

33-38. First cinquefoil entirely to left of bust. Second cinquefoil near, but not over, hair; its highest portion being well below the top of wreath. Last cinquefoil above end of toga. Upper periods of both colons low. Lower period of first colon entirely below the bottom line of I. First N, high. Top of E slopes to right.

Combinations 33-38 Z-7 and 33-38 $G^2$-1

For Reverse Z, see page 41.
For Reverse $G^2$, see page 47.

Obverse 33, *continued.*

33-39. First cinquefoil very high and entirely to left of bust. Top of of second cinquefoil about upon the same curve as top of wreath. Last cinquefoil high and near end of toga. Upper period of last colon weak. A, high, the top sloping to left. Final C, a trifle high.

Combinations 33-39 EE and 33-39 SS

For Reverse SS, see page 57.
For Reverse EE, see page 49.

---

33-40. *First cinquefoil very far under bust, the left edge being fully a 32d of an inch to right of the left edge of bust.*

Combination 33-40 Z-11

For Reverse Z, see page 42.

---

33-41. First cinquefoil about one quarter under and nearly touching bust. Cinquefoils near colons. R high, the top sloping to right. Second N, high. Wide spacing between N and E. EC close. *The tail of the R is long*, evidently the result of an alteration.

Break from lower portion of bust through tops of letters AUCTO and terminating in milling over R. Heavy break near upper left corner of R.

Combination 33-41 Z-9

For Reverse Z, see page 42.

---

**In varieties Nos. 44 to 47 inclusive, both fillet-ends point at last cinquefoil; the top of the upper fillet-end being opposite a point about midway between the last colon and cinquefoil.**

---

33-44. First cinquefoil entirely to left of bust. Wide spacing between O and N, and between N and E.

Combinations 33-44 $Q^1$ and 33-44 $H^2$-2

For Reverse $Q^1$, see page 36.
For Reverse $H^2$, see page 46.

---

33-45. First cinquefoil about one quarter under bust. Third cinquefoil touches head. Lower periods of both colons fully half below adjacent letters. Tops of C and T upon the same curve.

Break from milling through lower left corner of drapery to A. Break from milling through O in CONNEC.

Combination 33-45 W-3

For Reverse W, see page 38.

---

33-46. First cinquefoil about half under bust. Third cinquefoil very near or touching head. Top of T above top of adjacent C. Final C, a trifle low.

Combination 33-46 W-2

For Reverse W, see page 38.

Obverse 33, *concluded.*

33-50. Lower fillet-end points at last cinquefoil. The highest portion of upper fillet-end opposite the right edge of final C. Last colon points at lower fillet-end. First cinquefoil entirely to left of bust. Second cinquefoil high and very near upper period of first colon. Both colons sloping, the upper periods being nearest letters. Last C, low.

Combination $\frac{33\text{-}50}{Z\text{-}2}$ For Reverse Z, see page 40.

---

1787. Obverse 34.

AUCTORI : CONNEC :

Mr. Crosby records one die of this Obverse combined with Reverse F.

The only obverse die found with large fleurons.

Combinations $\frac{34}{F^2\text{-}1}$ and $\frac{34}{K^1\text{-}3}$ For Reverse $K^1$, see page 34.
For Reverse $F^2$, see page 47.

---

1787. Obverse 35.

AUCTORI : CONNEC :

Mr. Crosby records one die of this Obverse combined with Reverse F.

Punctuated with small fleurons.

I have never met with this Obverse. It will be noticed that Mr. Crosby does not record the combination of Obverse 37 with Reverse F, which is a comparatively common variety. Obverse 35 has frequently been offered at sales, usually described as poor. I have met with many so classified, all of which proved to be dies of Obverse 37, with the first fleuron weak or obliterated by circulation. In Mr. Crosby's sale lots 1056 and 1057 were described as Obverses of 35; the latter I have had an opportunity to examine, the specimen proved to be the variety classfied in this work as $\frac{37\text{-}10}{RR}$

---

1787. Obverse 36.

AUCTORI : CONNEC :

Mr. Crosby records one die of this Obverse combined with Reverses K and L.

Combinations $\frac{36}{K^1\text{.}3}$ $\frac{36}{L^1\text{-}1}$ and $\frac{36}{F^2\text{-}2}$ For Reverse $K^1$, see page 34.
For Reverse $L^1$, see page 34.
For Reverse $F^2$, see page 47.

---

1787. Obverse 37. See foot Note C.

AUCTORI : CONNEC :

Mr. Crosby records eleven dies of this Obverse combined with Reverses E, G, H, I, K, C, D and E.

37-1. *First fleuron entirely under and touching bust.* Second fleuron near hair. Lower left corner of first N near head. *Long tailed R.*

Combinations $\frac{37\text{-}1}{LL}$ and $\frac{37\text{-}1}{TT}$ For Reverse LL, see page 50
For Reverse TT, see page 51.

---

Foot Note C. The Reverses combined with this Obverse present marked distinguishing features, while the Obverses in some instances are very similar, requiring careful study for differentiation. I would therefore suggest classifying the Reverses first and noting the combination.

Obverse 37, *continued.*

37-2. *First fleuron almost wholly under bust.* Second fleuron distant to left of hair. Lower left corner of first N, distant from hair. A, near bust.

Combination 37-2 / $F^{2}$-2 — For Reverse $F^{2}$, see page 47.

---

37-3. *First fleuron almost wholly under bust.* Fleurons close on colons. Third fleuron about equally spaced between wreath and C. R, high and above adjacent O. First colon sloping, the upper period most distant from letter.

Break connecting lower portion of final C with toga.

Combination 37-3 / HH — For Reverse HH, see page 50.

---

37-4. First fleuron slightly under and distant from bust. Lower fillet-end opposite last colon. Uprights of R and I nearly parallel. Last colon sloping, the upper period most distant from letter.

Combination 37-4 / $C^{2}$-1 — For Reverse $C^{2}$, see page 46.

---

37-5. First fleuron slightly under and clear of bust. Lower fillet-end points below colon. Last colon points at lower portion of upper fillet-end. I, low, the top leaning to right. Wide spacing between O and R. C on head. Third fleuron spaced nearer to C, than to wreath.

Break from bottoms of A and U through lower edge of drapery. Break from milling through third fleuron, top of wreath and second fleuron terminating at upper period of first colon.

Combinations 37-5 / $K^{1}$-2 37-5 / HH and 37-5 / LL — For Reverse $K^{1}$, see page 34.
For Reverse HH, see page 50.
For Reverse LL, see page 50.

---

37-6. First fleuron slightly under bust. *Last fleuron very distant from toga.* Upper fillet-end points well below last colon. Three berries within wreath.

Combination 37-6 / $E^{1}$ — For Reverse $E^{1}$, see page 31.

---

37-7. First fleuron high, partly under, and well separated from, bust. Last fleuron distant from toga. Upper fillet points at last colon. Last colon points at upper fillet. *Long tailed R.* First N, high.

Break from milling to head, between third fleuron and C. Later break from milling to head through second fleuron.

Combination 37-7 / $E^{1}$ — For Reverse $E^{1}$, see page 31.

---

37-8. First fleuron slightly under bust. Last fleuron distant from end of toga. Upper fillet-end points at last colon. Last colon opposite upper fillet. T, above O. I, low. Second N, above the first. C, low.

Combination 37-8 / $K^{1}$-1 — For Reverse $K^{1}$, see page 34.

Obverse 37, *concluded.*

37-9. First fleuron slightly under bust. Second fleuron very near hair. *Long tailed R.* Top of I leans to right. E, a trifle high, top leans to right.

Combination 37-9 / $I^1$ — For Reverse $I^1$, see page 33.

---

37-10. First fleuron half under, nearly or quite touching, bust. Third fleuron spaced nearer to C than to top of wreath. Upper fillet-end points at last colon. First colon sloping, the upper period most distant from letter. Last C, low.

Combination 37-10 / RR — For Reverse RR, see page 57.

---

37-11. First fleuron slightly under, and near, bust. Second fleuron well clear of hair. First colon sloping, the upper period most distant from letter. Last colon low and pointing at upper fillet. *Long tailed R.* Top of second N leans to right.

Combinations 37-11 / B and 37-11 / $K^{1}$-4 — For Reverse B, see page 27.
For Reverse $K^1$, see page 34.

---

37-12. First fleuron a trifle under, almost entirely to left of, bust. Upper fillet-end points at last colon. Last colon points at upper fillet-end. First colon sloping, the upper period most distant from letter. U, well above adjoining C; top leans to left. Tops of N's lean to right; more apparent in the second.

Break through AUCTO.

Combination 37-12 / $K^{1}$-5 — For Reverse $K^1$, see page 34.

---

37-13. First fleuron slightly under, nearly or quite touching, bust. Third fleuron nearly equally spaced between C and top of wreath. Last fleuron near toga. Three berries within wreath. Periods of first colon nearly equidistant from I. T, high.

Combination 37-13 / $H^{1}$-2 — For Reverse $H^1$, see page 33.

---

37-14. First fleuron high, and entirely under bust. Last fleuron low, and pointing at lower period of last colon. *A curved fold of toga extends from the lower front of bust uniting with the first fleuron.*

Combination 37-14 / $C^{2}$-2 — For Reverse $C^2$, see page 46.

---

The above described varieties of Obverse 37 were probably contemporaneous, the same U punch, with defective upper left corner, having been used with each die.

1787. Obverse 38.

AUCIORI: ✦ CONNEC: ✖

Mr. Crosby records one die of this Obverse combined with Reverses G and L.

See Crosby, Plate V, No. 21.

Combinations $\frac{38}{L^{1}\text{-}2}$ and $\frac{38}{GG}$

For Reverse $L^1$, see page 35.
For Reverse GG, see page 50.

1787. Obverse 39.

✦ AUCTOBI: ✦ ✦ CONNEC: ✦

Mr. Crosby records two dies of this Obverse combined with Reverses H, E and F.

39-1. First fleuron almost entirely under bust. Last colon low, the lower period slightly below adjoining C.

See Crosby, Plate V, No. 22.

Combinations $\frac{39\text{-}1}{H^{1}\text{-}1}$ and $\frac{39\text{-}1}{F^{2}\text{-}2}$

For Reverse $H^1$, see page 33.
For Reverse $F^2$, see page 47

39-2. First fleuron about one half under bust. Last colon in regular position.

Combination $\frac{39\text{-}2}{E^{2}}$

For Reverse $E^2$, see page 46

1787. Obverse 40.

AUCTOPI ✱ ✱ CONNEC

Mr. Crosby records one die of this Obverse combined with Reverse K.

Stars with blunt points. In many specimens the space between A and U is incused, showing a small raised letter not unlike C.

Combinations $\frac{40}{N}$ and $\frac{40}{K^{2}\text{-}1}$

For Reverse N, see page 29.
For Reverse $K^2$, see page 48.

1787. Obverse 41.

✱ AUCTOPI: ✱ ✱ CONNEC ·

Mr. Crosby records one die of this Obverse combined with Reverse I.

Stars with blunt points.

Combination $\frac{41}{I^{2}}$

For Reverse $I^2$, see page 48.

1787. Obverse 42.

✱ AUCTOPI: ✱ CONNEC . ✱

Mr. Crosby records one die of this Obverse combined with Reverse K.

Stars with blunt points. I, low. In Mr. Crosby's table the period is placed opposite the lower portion of C; it will be found nearer the top of the letter. See Crosby, Plate V, No. 23.

Obverse 42, *concluded.*

Break from milling to top of wreath.

Combinations 42 42
O[1] K[2]-2

For Reverse O[1], see page 35.
For Reverse K[2], see page 48.

In Obverses 41 and 42 I am inclined to the opinion that the final punctuation is a colon, and not a period as indicated in Mr. Crosby's table. I have not however met with sufficiently sharp specimens to verify this point to a certainty.

---

1787. Obverse 43.

• AUCTORI . • • CONNFC . •

Mr. Crosby records one die of this Obverse combined with Reverse Y.

See Crosby, Plate V, No. 18. See Obverse 32-3, page 11.

Combination 43
Y

For Reverse Y, see page 39.

---

Obverses not shown on Crosby's table.

1787. Obverse 44.

• AUCTORI : • CONNEC : •

E, made with an F punch altered. E and C consecutively low. Lower period of first colon near hair.

Combinations 44 44 and 44
W-4 W-5 Z-10

For Reverse W, see page 38.
For Reverse Z, see page 42.

---

1787. Obverse 45.

-×-AUCTORI:-+- -+-CONNEC:-+-

*Small letters.* Cross with hyphens before AUCTORI as in Obverse 24. Hyphen to left joins second cross. First N, high. Lower fillet points at last colon.

Combination 45
CC

For Reverse CC, see page 49.

---

1787. Obverse 46.

× AUCTORI :×- -×- CONNEC : -×-

*Letters large.* The long tail of the R joins the bottom of I. *Second cross high,* its centre being about opposite the upper period of first colon. Hyphen to right of second cross nearly or quite touches wreath. Lower fillet-end about opposite last colon.

Combination 46
BB

For Reverse BB, see page 49

I have met with ordinary specimens only. A sharp specimen is required for further description.

1787. Obverse 47.

✱ AUCTORI : -✱- -✱- CONNEC :

*Large letters.* Leaves of wreath outlined. Three fillet-ends opposite C. The tail of the R does not join the bottom of I.

Combined with an unrecorded Reverse with large letters, punctuated with colons, and crosses with hyphens. The first cross before INDE is in the position of the St. Andrew's ; the second cross in the position of the Greek.

---

1787. Obverse 48.

✦ AUCTORI : ✦ · ··✦ CONNEC : ✦

First fleuron slightly under bust. Last fleuron distant from toga. Upper fillet points at last colon. Wide spacing between O and N.

Combination $\frac{48}{G^{1}\text{-}5}$ For Reverse G¹, see page 33.

The periods following second and before third fleuron, are the only characters distinguishing this legend from Obv. 37. Mr. Crosby probably included this die among his Obverses of 37.

---

1787. Obverse 49.

✦ AUCTORI : ✦ ✦ ✦ CONNEC : ✦

Two cinquefoils between the wreath and C, as in Obverse 15.

Combination $\frac{49}{Z\text{-}1}$ For Reverse Z, see page 40.

---

1787. Obverse 50.

✦ AUCTORI . ✦ ✦ CONNLC . ✦

L, low. Last cinquefoil between ends of toga (below shoulder). Same die as Obverse 17. 1788.

Combination $\frac{50}{F^{*}}$ For Reverse F*, see page 27.

Imperfect specimens, not showing the upper portion of the L, I have occasionally found classified as $\frac{32}{F^{*}}$, the combination to which Mr. Crosby refers upon page 217.

---

1787. Obverse 51.

AUCTORI : ✱ CONNEC : ✱

*Four fillet-ends. Ends of toga double.* Apparently the bust was doubly cut. Letters large. A well marked star between ends of toga. Rudimentary star after AUCTORI. Slight indication of a star before CONNEC.

Combination $\frac{51}{O'}$ For Reverse O¹, see page 35.

Obverse 51, *concluded.*

Mr. Crosby combines Obverse 16 with Reverse O, a combination which I have been unsuccessful in finding. The stars upon Obverse 51 are weak and easily obliterated; with trifling circulation this die might readily be mistaken for an Obverse of 16. The above legend is subject to a change to Obv. 29, in the event of a specimen being found showing a star before CONNEC.

---

1787. Obverse 52. Mailed bust facing right.

AUCTORI CONNEC .

Head round and of medium size, with nose of a Roman type. Fillet-ends tied with a bow.

Combination 52/G For Reverse G, see page 28.

---

1787. Obverse 53.

AUCTORI: CONNEC:

The single period before third fleuron is the distinguishing characteristic of this legend from those of Obverses 37 and 48. First fleuron low and slightly under bust. Last colon sloping, the upper period a trifle nearest C. Spacing nearly uniform between all letters in CONNEC.

Combination 53/FF For Reverse FF, see page 49.

Note that 37-11 and 53 are the only Obverses punctuated with fleurons before AUCTORI in which the first fleuron is described as low. 37-11 may be readily distinguished by its long tailed R.

---

1787. Obverse 54.

AUCTORI:× -+- CONNEC:×

Similar to Mr. Crosby's Obverse 21, being the same legend with the addition of hyphens to the second cross. Letters small. First cross, high. Upper fillet-end points below last colon.

Combination 54/DD For Reverse DD, see page 49.

## 1787. Reverse A.

ETLIB INDE

Mr. Crosby records one die of this Reverse combined with Obverse 1.

See Crosby, Plate V, No. 11. The same die as Obverse 1. 1788.

Combination 1-1 A

For Obverse 1, see page 3.

## 1787. Reverse B.

INDE ET LIB

Mr. Crosby records one die of this Reverse combined with Obverse 2.

Combinations 2 B and 37-11 B

For Obverse 2, see page 3.
For Obverse 37, see page 22.

## 1787. Reverse C.

INDE • ET LIB.

Mr. Crosby records one die of this Reverse combined with Obverse 1.

Period following INDE, very large. See Dr. Maris's plate.

Combination 1-2 C.

For Obverse 1, see page 3.

I have never met with a specimen showing the final period as represented upon Mr. Crosby's table.

## 1787. Reverse D.

+ INDE + ET + + + + LIB + +

Mr. Crosby records one die of this Reverse combined with Obverses 9 and 13.

Left upright of N, doubly cut. The curved lower end of shield terminates in a crosslet apparently made with the same punch as used with the legend.

Combinations 9 D and 13 D

For Obverse 9, see page 5.
For Obverse 13, see page 6.

## 1787. Reverse E.

✱ INDE ✱ ET ✱ ✱ LIB ✱ ✱

Mr. Crosby records one die of this Reverse combined with Obverses 9, 10 and 11.

Stars with five blunt points. Plume projecting from hair-knot.

Combinations 9 E 10 E and 11-1 E

For Obverses 9, 10 and 11, see page 5.

## 1787. Reverse F*.

• INDE • ET • • • • LIB • •

Mr. Crosby records one die of this Reverse combined with Obverses 15 and 32.

First cinquefoil weak and near foot of liberty. See Crosby, Plate V, No. 20.

Combinations 15 F* and 50 F*

For Obverse 15, see page 7.
For Obverse 50, see page 25.

### 1787. Reverse G.

INDE * ET LIB *

Mr. Crosby records one die of this Reverse combined with Obverse 3.

Stars with six sharp points. See Crosby, Plate V, No. 12.

Combinations 3/G and 52/G

For Obverse 3, see page 3.
For Obverse 52, see page 26.

### 1787. Reverse H.

INDE · ET ❧ ❧ LIB . ❧ ❧

Mr. Crosby records one die of this Reverse combined with Obverse 14.

A pheon upon each side of date. Occasional specimens show a pheon, not indicated in legend above, between ET and head. See Crosby, Plate V, No. 15.

Combination 14/H

For Obverse 14, see page 6.

### 1787. Reverse I.

INDE : · : · ET LIB ·

Mr. Crosby records one die of this Reverse combined with Obverses 7.

Lower and right periods of group connect. See Crosby, Plate V, No. 13. Break, or irregularity in die, between D and E.

Combination 7/I

For Obverse 7, see page 4.

### 1787. Reverse K.

❖ INDE ❖ ❖ ET LIB ❖

Mr. Crosby records one die of this Reverse combined with Obverse 11.

Stars with five blunt points. Plume projecting from hair knot. Figure of Liberty similar to that of Reverse E. Letters in INDE very widely spaced. See Crosby, Plate V, No. 14.

Combination 11-2/K

For Obverse 11, see page 6.

### 1787. Reverse L.

INDE · ET · LIB ·

Mr. Crosby records one die of this Reverse combined with Obverses 1 and 4.

See Dr. Maris's plate.

Combinations 1-3/L and 4/L

For Obverse 1, see page 3.
For Obverse 4, see page 4.

## 1787. Reverse M.

INDE : * * * ET · LIB :

Mr. Crosby records one die of this Reverse combined with Obverse 6.

*Stars with six blunt points, no central elevation.* The star punch apparently the same as used for the star beneath the bust upon Obverses 1, 3 and 6.

Combinations 6-1 M and 6-2 M

For Obverse 6, see page 4.

## 1787. Reverse N.

INDE * * * ETLIB *

Mr. Crosby records one die of this Reverse combined with Obverse 8.

Star with five blunt points.

Combinations 8 N and 40 N

For Obverse 8, see page 5.
For Obverse 40, see page 23.

## 1787. Reverse O.

* INDE : * * * ETLIB : *

Mr. Crosby records eight dies of this Reverse combined with Obverse 8.

Combination 8 O

For Obverse 8, see page 5.

The recording of eight dies with this Reverse, upon Mr. Crosby's table, was probably the result of an uncorrected error in printing.

## 1787. Reverse P.

· IN DE · ET LIB ·

Mr. Crosby records one die of this Reverse combined with Obverse 5.

The first two periods opposite the centre of letters ; the last period high, as shown upon Mr. Crosby's table. Branch between N and D. The lower right corner of B, disconnected and extending to right.

Combination 5 P

For Obverse 5, see page 4.

## 1787. Reverse Q.

* IN DE . ETLIB . *

Mr. Crosby records one die of this Reverse combined with Obverse 12.

Both periods low. Last period and cinquefoil partly on shield.

Combination 12 Q

For Obverse 12, see page 6.

1787. Reverse R.

+ IND + + + ET + + LIB + +

Mr. Crosby records one die of this Reverse combined with Obverses 9 and 15.

The legend in Mr. Crosby's table shows an error, having but eight crosslets. Mr. Crosby's illustration of this die (Plate VI, No. 1.) shows the legend as found with eleven crosslets, the arrangement being as follows:—

+ IND + + + ET + + + + LIB + + +

The lower curved portion of shield terminates in a crosslet made with the same punch as used with the legend. This punch would also appear to have been used in adding flowers to the bouquet held by the goddess.

Combinations $\frac{9}{R}$ and $\frac{15}{R}$

For Obverse 9, see page 5.
For Obverse 15, see page 7.

1787. Reverse S.

✱INDL✱ET✱ ✱LIB ? ✱

Mr. Crosby records one die of this Reverse combined with Obverse 15.

Independent of the cinquefoils with legend, a cinquefoil is shown to left of date, touching line. All specimens examined are in too poor a condition to show a cinquefoil to right of date, in the event of its original presence upon the die. See Crosby, page 216, No. 15, and Plate VI–2.

Combination $\frac{15}{S}$

For Obverse 15, see page 7.

As an additional method of distinguishing the Reverses of 1787, of the same letter, I have added the affix prime to the second series of Reverses, shown upon Mr. Crosby's table; the same being the Reverses usually combined with the draped busts, from Reverse A, opposite Obverse 16, to the following Reverse S, inclusive. To the third series of Reverses, the same being the misspelt legends, I have added the affix second.

1787. Reverse $A^1$. See table below.

×INDE : -+- -+- -+- LTLIB :

Mr. Crosby records three dies of this Reverse combined with Obverses 20, 23 and 27.

$A^1$-1. *Letters large. Branch-hand opposite upright of E.* L, high. Lower horizontal line of B, light.

Combinations $\frac{26}{A^1\text{-}1}$ and $\frac{27}{A^1\text{-}1}$

For Obverse 26, see page 9.
For Obverse 27, see page 10.

Table of described Reverses of 1787, having legends punctuated with crosses and hyphens.

| LETTERS LARGE. | LETTERS SMALL. | |
|---|---|---|
| $A^1$-1. | $G^1$-1. | CC. |
| $A^1$-2 | $G^1$-2. | DD. |
| $B^1$. | $G^1$-3. | FF. |
| $D^1$. | $G^1$-4. | GG. |
| BB. | $G^1$-5. | |

Reverse $A^1$, *continued.*

$A^{1}$-2. *Letters large. Branch-hand opposite D.* Second E, low. Left lower corner of T, defective.

Combinations $\frac{20}{A^{1}\text{-}2}$ and $\frac{29}{A^{1}\text{-}2}$

For Obverse 20, see page 8.
For Obverse 29, see page 10.

1787. Reverse $B^1$.

✖ INDE : -✚- -✚- ✚- ETLIB :

Mr. Crosby records one die of this Reverse combined with Obverse 25.

Letters large. Left lower corner of second E, distant from hand. B, well clear of shield. See Crosby, Plate V, No. 17.

Combination $\frac{25}{B^1}$

For Obverse 25, see page 9.

1787. Reverse $C^1$.

✚- INDE: -✚- -✚- -✚- ETLIB :

Mr. Crosby records one die of this Reverse combined with Obverse 22.

I have not been successful in finding this Reverse.

1787. Reverse $D^1$.

✖ INDE : ✚ ✚ ETLIB :

Mr. Crosby records one die of this Reverse combined with Obverse 26.

I have not been successful in finding this die. Reverse AA is similar, having one more cross with a single hyphen after INDE.

1787. Reverse $E^1$. See Foot note D.

✚ INDE : ❧❧ ✚ ETLIB :

Mr. Crosby records one die of this Reverse combined with Obverse 37.

Combination $\frac{37\text{-}6}{E^1}$ and $\frac{37\text{-}7}{E^1}$

For Obverse 37, see page 21.

Foot Note D. For convenience of description, I shall designate the combination of dies following the first colon as an ornament (❧❧), which will be found to be composed of the following punches: a large dot, a large fleuron, as found with Obverse 34, a small fleuron, common to Obverse 37 and others, and terminating with a leaf, apparently made with the same punch as used for the terminal and occasional lateral leaves of many branches found upon the Reverses of 1787.

## 1787. Reverse $F^1$.

-+- INDE : + +  -+- ET-LIB :

Mr. Crosby records one die of this Reverse combined with Obverse 24.

I have not been successful in finding this die, which is similar to Reverse FF ; the latter having no hyphens with the fourth cross.

---

## 1787. Reverse $G^1$.

-+- INDE : -+- -+-  -+- ET-LIB :

Mr. Crosby records five dies of this Reverse combined with Obverses 17, 18, 19, 21, 24, 37 and 38.

$G^1$-1 Letters small. Top of branch near right extremity of second cross. Hyphen to right of third cross very distant from head. Hyphen to right of fourth cross near pole. Branch-hand opposite E and space between D and E. Upper periods of both colons low. Lower period of last colon fully half on shield. Liberty-pole touches date-line at a point about midway between 1 and 7. Upon sharp specimens a hyphen is shown between the shafts, at the upper right corner of the third cross ; the evidence is in favor of this hyphen being the result of injury, or break in the die, and would hardly warrant the tabulating of a new legend.

Combination $\frac{18}{G^1\text{-}1}$  For Obverse 18, see page 8.

---

$G^1$-2 Letters small. Top of branch about level with the right extremity of second cross. *Lower portion of L long.* Branch-hand almost entirely opposite E. Liberty-pole touches date-line at a point above the left upper corner of 7. Lower period of last colon partly on shield.

Combination $\frac{22}{G^1\text{-}2}$  For Obverse 22, see page 8.

---

$G^1$-3 Letters small. Top of branch near hyphen to left of second cross. First hyphen distant from foot of Liberty. Hyphen to right connects with fourth cross. Hyphen between ET and LIB joins T. *Lower period of last colon clear of shield.* Branch-hand opposite right portion of D. Both sevens below date-line.

Combinations $\frac{17}{G^1\text{-}3}$ and $\frac{24}{G^1\text{-}3}$  For Obverse 17, see page 7.
For Obverse 24, see page 9.

Reverse $G^1$, *continued.*

$G^1$-4 Letters small. Top of branch near hyphen to left of second cross. First hyphen very near, or touching, figure of Liberty. Hyphen to left connects with third cross. Hyphen to right of fourth cross touches pole and has the appearance of a projecting finger. Lower period of last colon touches shield. Branch-hand opposite right portion of D.

Break or line beneath the lower adjacent corners of I and N.

Combination $\frac{19}{G^1\text{-}4}$ For Obverse 19, see page 8.

---

$G^1$-5 Letters small. Top of upper leaf touches lower period of first colon. Hyphen to right of first cross weak and easily obliterated. Hyphen to left of fourth cross below plume. Hyphen between ET and LIB does not join T. *Last colon clear of shield.* Branch-hand opposite D and space between D and E.

Light break from upper left corner of first E.

Combinations $\frac{24}{G^1\text{-}5}$ and $\frac{48}{G^1\text{-}5}$ For Obverse 24, see page 9.
For Obverse 48, see page 25.

---

1787. Reverse $H^1$.

✚ INDE : ✒✒ ✖ ET-LIB :

Mr. Crosby records two dies of this Reverse combined with Obverses 37 and 39.

$H^1$-1 Top of branch level with the right edge of first colon. Wide spacing between I and N.

Combination $\frac{39\text{-}1}{H^1\text{-}1}$ For Obverse 39, see page 23.

---

$H^1$-2 Top of branch near large dot of ornament. Letters in INDE about equally spaced.

Combination $\frac{37\text{-}13}{H^1\text{-}2}$ For Obverse 37, see page 22.

---

1787. Reverse $I^1$. See Foot note E.

✚ INDE : ✒✒ ✒ ET-LIB : ✖

Mr. Crosby records one die of this Reverse combined with Obverse 37.

Scroll nearly or quite touches head. Branch-hand opposite E.

Combination $\frac{37\text{-}9}{I^1}$ For Obverse 37, see page 22.

---

Foot Note E. The character used with this legend before ET, I shall designate as a scroll, a printer's section having probably been used as a punch.

## 1787. Reverse $K^1$.

INDE : ❧ ❧ ET-LIB :

Mr. Crosby records four dies of this Reverse combined with Obverses 36 and 37.

It will be noticed that the legend of $K^1$ is identical with that of Reverse $C^2$ with the exception of the final letter, which in the latter is an R.

---

$K^1$-1. *The highest portion of branch opposite a point about midway between first colon and ornament.* First scroll very near goddess.

Combination $\frac{37\text{-}8}{K^1\text{-}1}$ For Obverse 37, see page 21.

---

$K^1$-2. *Upper leaf partly upon large dot of ornament.* Lower period of last colon almost entirely below B.

Combination $\frac{37\text{-}5}{K^1\text{-}2}$ For Obverse 37, see page 21.

---

$K^1$-3 Upper leaf terminates at a point about opposite the centre of large dot. First scroll very near, or touching, Liberty. Lower edge of last colon about upon the same curve as the bottom of adjacent B.

Combinations $\frac{34}{K^1\text{-}3}$ and $\frac{36}{K^1\text{-}3}$ For Obverses 34 and 36, see page 20.

---

$K^1$-4 Top of upper leaf very near, or touching, large dot. *Right lower corner of B square and heavy*, apparently altered from an R.

Combination $\frac{37\text{-}11}{K^1\text{-}4}$ For Obverse 37, see page 22.

---

$K^1$-5 *Branch terminates at a point opposite space between E and colon.* No terminal leaf. Second scroll nearly touches head.

Combination $\frac{37\text{-}12}{K^1\text{-}5}$ For Obverse 37, see page 22.

---

## 1787. Reverse $L^1$.

❧ ❧ INDE : ❧ ❧ ET-LIB : ❧

Mr. Crosby records four dies of this Reverse combined with Obverses 16, 33, 36 and 38.

It will be noticed that $L^1$ and $F^2$ are the only Reverses punctuated with double fleurons before INDE, both pointing at foot of Liberty.

---

$L^1$-1 Branch-hand opposite D. First 7 high, and encroaching upon date-line. B, made with an R punch altered.

Combination $\frac{36}{L^1\text{-}1}$ For Obverse 36, see page 20.

## Reverse $L^1$, *concluded.*

$L^1$-2 Branch-hand opposite space between D and E. First 7, below date-line. B, made with an R punch altered.

Combinations 16-3 $L^{1}$-2 33-6 $L^{1}$-2 and 38 $L^{1}$-2

For Obverse 16, see page 7.
For Obverse 33, see page 13.
For Obverse 38, see page 23.

---

## 1787. Reverse $M^1$.

* INDE * * * ET-LIB *

Mr. Crosby records one die of this Reverse combined with Obverses 16 and 28.

Combinations 16-1 $M^1$ 25 $M^1$ and 28 $M^1$

For Obverse 16, see page 7.
For Obverse 25, see page 9.
For Obverse 28, see page 10.

---

## 1787. Reverse $N^1$.

* INDE : * * * ET-LIB :

Mr. Crosby records two dies of this Reverse combined with Obverses 16, 28 and 29.

Branch points at lower period of first colon, nearly or quite touching the same.

Combinations 16-4 $N^1$ 16-5 $N^1$ 28 $N^1$ 29 $N^1$

For Obverse 16, see page 7.
For Obverses 28 and 29, see page 10.

See Reverse NN, a similar legend with a period between ET and LIB.

---

## 1787. Reverse $O^1$.

* INDE * * ETLIB *

Mr. Crosby records one die of this Reverse combined with Obverse 16.

Letters in INDE widely spaced. First E high, top sloping to right. Top leaf heavy and disconnected.

Break through lower portion of second E. Break from left upper corner of L.

Combinations 42 $O^1$ and 51 $O^1$

For Obverse 42, see page 24.
For Obverse 51, see page 25.

---

## 1787. Reverse $P^1$.

* INDE * * * ETLIB *

Mr. Crosby records one die of this Reverse combined with Obverse 29.

Wide spacing between N and D. Bottoms of LIB very close, or touching.

Combination 29 $P^1$

For Obverse 29, see page 10.

## 1787. Reverse $Q^1$.

INDE : • • •  • ETLIB : •

Mr. Crosby records one die of this Reverse combined with Obverse 33.

A line connects the right corners of first E.

Curved break from right of pole-hand to milling, later from left of head to milling.

Combinations $\frac{33\text{-}11}{Q^1}$ $\frac{33\text{-}18}{Q^1}$ $\frac{33\text{-}19}{Q^1}$ and $\frac{33\text{-}44}{Q^1}$ For Obverse 33, see pages 14, 15, 16 and 19.

---

## 1787. Reverse $R^1$.

• INDE : • •  • ET LIB :

Mr. Crosby records four dies of this Reverse combined with Obverses 31 and 33.

$R^1$-1 Branch points to right of second cinquefoil. Third leaf to left disconnected. Bottom of L high, top leaning to left. B, struck over a cinquefoil. Lower period of last colon clear of shield.

Combinations $\frac{33\text{-}5}{R^1\text{-}1}$ and $\frac{33\text{-}13}{R^1\text{-}1}$ For Obverse 33, see pages 13 and 14.

---

$R^1$-2 Branch points to right of second cinquefoil. Third leaf to right disconnected. B, struck over a cinquefoil. Lower period of last colon very near B.

Combination $\frac{33\text{-}7}{R^1\text{-}2}$ For Obverse 33, see page 13.

Early impressions are required to demonstrate the closed lower portion of the final letter of the legend; most specimens show this letter as a B, slightly open below.

---

$R^1$-3 Branch points at left edge of second cinquefoil. Lower period of last colon clear of shield. No appreciable spacing between ET and LIB.

Break through tops of N, D and E, to second cinquefoil. Break from lower left corner of first I.

Combination $\frac{31\text{-}2}{R^1\text{-}3}$ For Obverse 33, see page 11.

---

$R^1$-4 Branch points very nearly at centre of second cinquefoil. Lower period of last colon partly on shield.

Combinations $\frac{31\text{-}1}{R^1\text{-}4}$ $\frac{33\text{-}7}{R^1\text{-}4}$ and $\frac{33\text{-}23}{R^1\text{-}4}$ For Obverse 31, see page 10.
For Obverse 33, see pages 13 and 16.

## 1787. Reverse $S^1$.

• INDE : • •  • ET-LIB : •

Mr. Crosby records three dies of this Reverse combined with Obverse 33.

$S^1$-1 Top leaf to right of second cinquefoil, pointing at border. Top of second E leans to left. Second leaf to right long.

Break from milling to front of head.

Combination $\frac{33\text{-}34}{S^1\text{-}1}$  For Obverse 33, see page 18.

---

$S^1$-2 Top leaf to right of second cinquefoil, pointing at border. Second leaf to left long. Lower period of last colon almost entirely below B.

Break from upper left corner of first I.

Combination $\frac{33\text{-}1}{S^1\text{-}2}$  For Obverse 33, see page 12.

---

## 1787. Reverse T.

• INDE : • •  • ET LIB : •

Mr. Crosby records two dies of this Reverse combined with Obverse 33.

T-1 Lower period of last colon distant from shield. Date-line single. No terminal leaf to branch.

Heavy break from edge, near last cinquefoil. Break from milling, between edge and fourth cinquefoil.

Combination $\frac{33\text{-}33}{T\text{-}1}$  For Obverse 33, see page 18.

---

T-2 Lower period of last colon touches shield. Date-line double. "Skeleton hand."

Combinations $\frac{33\text{-}9}{T\text{-}2}$ $\frac{33\text{-}33}{T\text{-}2}$  For Obverse 33, see pages 14 and 18.

---

## 1787. Reverse V.

• INDE . • • •  • ET LIB .

Mr. Crosby records one die of this Reverse combined with Obverse 32.

Combinations $\frac{32\text{-}2}{V}$ and $\frac{32\text{-}3}{V}$  For Obverse 32, see page 11.

## 1787. Reverse W.

• INDE : • • •  • ETLIB :

Mr. Crosby records three dies of this Reverse combined with Obverse 33.

W-1 Leaves distant from colon and second cinquefoil. First I, low. L, low. Break from second cinquefoil to branch. Break from lower right portion of shield to edge. Break through second E.

Combination 33-3 W-1 — For Obverse 33, see page 12.

---

W-2 Second leaf to left nearly touches period. Third leaf to left, above colon. Left portion of date-line triple.
Diagonal break across shield.

Combinations 33-31 W-2 and 33-46 W-2 — For Obverse 33, see pages 17 and 19.

---

W-3 Second and third leaves to left, near period. Lower horizontal line of second E, long. B, a trifle low. Lower period of last colon about half below B.

Combinations 33-14 W-3, 33-25 W-3, 33-26 W-3, 33-45 W-3 — For Obverse 33, see pages 15, 16, 17 and 19.

---

W-4 Second leaf to left near period. First cinquefoil high. Both colons sloping, the upper periods most distant from letters. The lowest portion of B and lower period of last colon about upon the same curve.

Combination 44 W-4 — For Obverse 44, see page 24.

---

W-5 *Branch-hand opposite space between D and E.* N, doubly cut. Break from pole to milling, passing between T and L.

Combinations 33-26 W-5 and 44 W-5 — For Obverse 33, see page 17.
For Obverse 44, see page 24.

---

## 1787. Reverse X.

• INDE . • • •  • ETLIB . •

Mr. Crosby records four dies of this Reverse combined with Obverses 30 and 32.

X-1 Top of branch nearly or quite touches third cinquefoil. Top of T, above top of adjacent E. The lowest portions of E and first period about upon the same curve. Last period near shield.

Combinations 30 X-1, 32-2 X-1 and 32-7 X-1 — For Obverse 30, see page 10.
For Obverse 32, see pages 11 and 12.

Reverse X, *continued.*

X-2 Branch points very nearly at centre of third cinquefoil, the highest point being about opposite the left edge of same. Top of E, above top of adjacent T. Last period partly on shield.

Break connecting the left corners of seven.

Combination 32-2 X-2 For Obverse 32, see page 11.

---

X-3 *Last period very distant from shield.*

Combination 32-1 X-3 For Obverse 32, see page 11.

---

X-4 Branch points nearly at centre of third cinquefoil, the highest point being about opposite the right edge of second cinquefoil. Lower sash-end opposite space between L and I. Lower period of last colon partly on shield.

Combination 32-2 X-4 and 32-3 X-4 For Obverse 32, see page 11.

---

X-5 Branch points to left of third cinquefoil, the highest point being about opposite the right edge of second cinquefoil. Fourth cinquefoil low. Lower sash-end opposite I. Last cinquefoil slightly distant from shield.

Combination 32-4 X-5 For Obverse 32, see page 11.

---

X-6 Branch points nearly at centre of third cinquefoil terminating slightly below the same. Lower period of last colon near shield. Shield indentated opposite last colon. Lower period of first colon fully half below E. Last cinquefoil nearly or quite touches shield. Second I, a trifle high.

Combination 32-6 X-6 For Obverse 32, see page 12.

---

1787. Reverse Y.

• INDE . • - • - •  • ETLIB . •

Mr. Crosby records one die of this Reverse combined with Obverse 43.

See Crosby, Plate V, No. 18.

Combination 43 Y For Obverse 43, see page 24.

## 1787. Reverse Z.

• INDE : • • •  • ETLIB : •

Mr. Crosby records twenty-three dies of this Reverse all combined with Obverse 33.

In classifying Reverse Z, care should be taken to determine the final letter as a B, this being the only distinguishing characteristic from Reverse H², in which the final letter is an R. In some varieties the lower horizontal line of B was lightly cut and does not show upon worn specimens; in others the final letter was made with an R punch altered. No varieties are here described except from specimens with the B sufficiently well marked to show the intent.

---

Z-1 First cinquefoil near foot of Liberty. Last cinquefoil high and close on colon. *Second, third, and fourth cinquefoils nearly equidistant.* Upper periods of both colons low. Lower period of last colon near, but clear of, shield. Periods of last colon close. N, in regular position. Top of T, nearer to top of L than to top of E. Line connecting right corners of first E. Lower portion of B, narrow. Top leaf of branch points at right edge of, terminating slightly below, third cinquefoil. Date-line defective over first 7, curved over last 7. 8 touches line. Last 7, low.

Combinations 33-11 Z-1, 33-19 Z-1, 33-29 Z-1, 33-36 Z-1, 49 Z-1 — For Obverse 33, see pages 14, 15, 17 and 18. For Obverse 49, see page 25.

---

Z-2 First cinquefoil high and spaced nearer to foot of Liberty than to I. Second and last cinquefoils near colons. *Spacing between third and fourth cinquefoils very perceptibly wider than between the second and third.* Upper periods of both colons low. Lower period of last colon near shield. Top leaf points at right edge of third cinquefoil. Leaves distant from colon. Letters in INDE comparatively closely spaced. Bottom of letters LIB, close. All figures below date-line. Date-line continuous, not broken.

Combinations 33-18 Z-2, 33-19 Z-2, 33-29 Z-2, 33-50 Z-2 — For Obverse 33, see pages 15, 17 and 20.

---

Z-3 First cinquefoil high and spaced nearer to foot of Liberty than to I. Second and last cinquefoils near colons and about regularly placed opposite both periods. *Spacing between third and fourth cinquefoils very perceptibly wider than between second and third.* Lower period of last colon and cinquefoil near shield. Last colon in regular position. Top leaf of branch points nearly at centre of third cinquefoil. Leaves distant from first colon. Letters in INDE, widely spaced. Second I, high. 1 and last 7 encroach upon date-line. B, apparently made with an R punch altered.

Combinations 32-4 Z-3, 33-30 Z-3 and 33-31 Z-3 — For Obverse 32, see page 11. For Obverse 33, see page 17.

Reverse Z, *continued.*

Z-4 First cinquefoil nearer to foot of Liberty than to I. Second and last cinquefoils near colon. *Second, third, and fourth cinquefoils about equidistant.* Last cinquefoil low, nearly touching shield. Upper period of first colon low. First I, doubly cut. Top leaf points at left portion of third cinquefoil. Top of upper leaf about level with the left edge of third cinquefoil. 8 touches line. 1, low. Date-line curved over both 7's.

Combination $\frac{33\text{-}21}{Z\text{-}4}$ For Obverse 33, see page 16.

---

Z-5 First cinquefoil nearer to foot of Liberty than to I. *Spacing between third and fourth cinquefoils wider than between second and third.* Lower period of last colon, and last cinquefoil distant from shield. Branch points nearly at centre of third cinquefoil. Top of branch slightly below the left edge of third cinquefoil. Second leaf to left, near colon. Top of first E, slopes to right. All figures of date touch line.

Break from upright of D to waist. Later break from branch-hand to pole.

Combination $\frac{33\text{-}12}{Z\text{-}5}$ For Obverse 33, see page 14.

---

Z-6 First cinquefoil about equidistant between I and foot of Liberty. Second and last cinquefoils near colons. *Second, third, and fourth cinquefoils about equidistant.* Olive-branch narrow and pointing at centre of third cinquefoil. First I, a trifle low. Second E, low. All figures of date below line.

Combinations $\frac{33\text{-}11}{Z\text{-}6}$ and $\frac{33\text{-}36}{Z\text{-}6}$ For Obverse 33, see pages 14 and 18.

---

Z-7 Last cinquefoil high. *Lower period of last colon about half on shield.* Top leaf points to right of second cinquefoil, terminating at a point about opposite the centre of same. First I, low. T and L widely spaced. B, a trifle low.

Combinations $\frac{33\text{-}4}{Z\text{-}7}$ $\frac{33\text{-}11}{Z\text{-}7}$ and $\frac{33\text{-}38}{Z\text{-}7}$ For Obverse 33, see pages 13, 14 and 18.

---

Z-8 Second and last cinquefoils distant from and opposite upper periods of colons. Olive-branch short and broad, pointing nearly at centre of second cinquefoil. *Top of upper leaf below the lowest portion of second cinquefoil.* Third leaf to left touches lower period of first colon. Bottoms of L and I, close. B, long and extending slightly below the adjacent I. Uprights of I and B parallel. B made with an R punch altered, a long and heavy lower line having been added.

Combination $\frac{33\text{-}4}{Z\text{-}8}$ For Obverse 33, see page 13.

Reverse Z, *continued.*

Z-9 Last cinquefoil near colon and touching shield. *Lower period of last colon almost wholly on shield.* Top of upper leaf about level with the right edge of second cinquefoil. Wide spacing between I and N. Bottoms of I and N, about upon the same curve. (Note that in Z-24, the I is low and doubly cut.) Top of B leans to right. 1, 7 and 8 of date, touch line. Date-line curved over last 7.

Break from hair-knot through last portion of legend to milling.

Combinations 33-2 Z-9, 33-32 Z-9, 33-41 Z-9 — For Obverse 33, see pages 12, 17 and 19.

---

Z-10 Second and last cinquefoils distant from and opposite upper periods of colons. Last cinquefoil very near shield. Last colon sloping, the upper period most distant from B. Top leaf points at left edge of third cinquefoil. Top of branch about opposite the highest portion of second cinquefoil. Second leaf to left, opposite colon. *Spacing between third and fourth cinquefoils wider than between the second and third.* Top of first I, slopes to left. Bottoms of I and N about upon the same curve. N, in regular position. I and B, comparatively widely spaced. Top of B, leans to right. 1, high. Last 7, touches line. Line defective over last 7.

Combinations 33-7 Z-10, 33-22 Z-10, 33-25 Z-10, 44 Z-10 — For Obverse 33, see pages 13 and 16. For Obverse 44, see page 24.

---

Z-11 *Second, third and fourth cinquefoils equidistant.* Second and last cinquefoils distant from colons. Last cinquefoil touches shield. Lower period of last colon clear of shield. Branch points to left of third cinquefoil. Top of upper leaf opposite the centre of second cinquefoil. Second leaf to left points at lower right corner of E. Letters in INDE, equidistant. Lower left corner of second E, very near hand. B, made with an R punch altered. First 7 high ; date-line defective above. Last 7, low and below line.

Break from milling to upright of T. Break from globe through last 7.

Combinations 33-24 Z-11, 33-30 Z-11, 33-31 Z-11, 33-40 Z-11 — For Obverse 33, see pages 16, 17 and 19.

---

Z-12 First cinquefoil nearer to foot of Liberty than to I. *Second, third, and fourth cinquefoils about equidistant.* Last cinquefoil near colon and shield. Lower period of last colon very near, or touching shield. Branch points to left of third cinquefoil. Top of upper leaf about opposite the right edge of second cinquefoil. Branch-hand opposite E and space between D and E. Uprights of I and B, parallel. B, low. All figures of date touch line.

Break from line over first 7 through first cinquefoil to top of first I. Perpendicular break through 8. Break connecting tops of letters ETLIB.

Combination 33-12 Z-12 — For Obverse 33, see page 14.

Reverse Z, *continued.*

Z-13 Second and last cinquefoils high and opposite upper periods of colons. Spacing between third and fourth cinquefoils a trifle wider than between the second and third. Lower period of last colon clear of shield. Branch points at left portion of third cinquefoil. Top of upper leaf a trifle above the right edge of second cinquefoil. Leaves near colon. Second leaf to left points below colon. Bottom of letters INDE, about upon the same curve. (Note that in Z-20, the D is low.) I, high. Both 7's, below line.

Combinations $\frac{33\text{-}8}{Z\text{-}13}$ $\frac{33\text{-}16}{Z\text{-}13}$ and $\frac{33\text{-}35}{Z\text{-}13}$ For Obverse 33, see pages 13, 15 and 18.

---

Z-14 First cinquefoil very near or touching Liberty. Second, third, and fourth cinquefoils about equidistant. Second and last cinquefoils distant from colons. Last cinquefoil distant from shield. *Branch-hand opposite and partly above colon, entirely above E.* Second I, doubly cut.

Break from milling passing between colon and second cinquefoil towards branch-hand.

Combination $\frac{33\text{-}17}{Z\text{-}14}$ For Obverse 33, see page 15.

---

Z-15 *Spacing between second and third cinquefoils very perceptibly wider than between third and fourth.* Branch long, pointing at edge. Top leaf disconnected and between second and third cinquefoils. First I, low, top sloping well to left. Trace of a double cutting below L. IB, low. Lower sash-end opposite I.

Combination $\frac{33\text{-}6}{Z\text{-}15}$ For Obverse 33, see page 13.

---

Z-16 Second, third and fourth cinquefoils about equidistant. Last cinquefoil near or touching shield. *Top of upper leaf about opposite the left edge of second cinquefoil.* First I, low and widely spaced from N. Bottom of T, below bottom of adjacent L. B, made with an R punch altered, top leaning to right.

Combinations $\frac{33\text{-}14}{Z\text{-}16}$ $\frac{33\text{-}23}{Z\text{-}16}$ and $\frac{33\text{-}24}{Z\text{-}16}$ For Obverse 33, see pages 15 and 16.

---

Z-17 *Spacing between third and fourth cinquefoils very perceptibly wider than between second and third.* Last cinquefoil touches shield. Lower period of last colon near shield. Branch points at left portion of third cinquefoil. Top of upper leaf slightly above the right edge of second cinquefoil. Second leaf to left from top near the second cinquefoil. Wide spacing between E and T. Bottoms of L and I, close. Date-line defective over both sevens.

Heavy break from first E diagonally across the lower portion of Liberty, terminating at right of last seven.

Combination $\frac{33\text{-}12}{Z\text{-}17}$ For Obverse 33, see page 14.

Reverse Z, *continued.*

Z-18 First cinquefoil low and nearer to foot of Liberty than to I. *Spacing between second and third cinquefoils wider than between third and fourth.* Last cinquefoil near shield. *Lower period of last colon partly on shield.* Branch points at left portion of third cinquefoil. Top of branch about opposite a point midway between second and third cinquefoils. Second leaf to left long and pointing at colon. Branch-hand opposite E. Date-line curved over 1 and both 7's.

Combination 33-15 Z-18 For Obverse 33, see page 15.

---

Z-19 First cinquefoil high and about equidistant between foot of Liberty and I. *Second, third and fourth cinquefoils about equally spaced.* Last cinquefoil and colon distant from shield. Branch points at left edge of third cinquefoil. Top of upper leaf slightly above the right edge of second cinquefoil. Second leaf to left near colon. Top of first E, high and leaning to right. Lower left corner of second E, distant from hand. Branch-hand, opposite E.

Combinations 33-8 Z-19 and 33-16 Z-19 For Obverse 33, see pages 13 and 15.

---

Z-20 First cinquefoil high. *Second, third and fourth cinquefoils about equally spaced.* Last cinquefoil and colon distant from shield. Branch points to left of third cinquefoil. The top of upper leaf about opposite the centre of second cinquefoil. Second leaf to left points at lower right corner of E. Branch-hand opposite space between D and E. *D low.* Top of first E, leans to right. Last 7, low.

Heavy break from milling over last cinquefoil, extending later to upper portion of B. Circular break from date through foot of Liberty and first cinquefoil, terminating above first I.

Combinations 33-24 Z-20 33-34 Z-20 For Obverse 33, see pages 16 and 18.

---

Z-21 First cinquefoil high. *Second, third and fourth cinquefoils about equidistant and widely spaced.* Lower period of last colon very near shield. Branch long, pointing at centre of third cinquefoil. Top of upper leaf slightly below the left edge of third cinquefoil. Branch-hand opposite right portion of E, and space between E and colon. Top of N, above top of ~~adjoining~~ adjacent D. N, struck with an altered punch, showing portions of another letter, probably an O. All figures of date encroach upon date-line.

Breaks from lower right corner of shield through last cinquefoil to milling.

Combinations 33-12 Z-21 33-14 Z-21 For Obverse 33, see pages 14 and 15.

Reverse Z, *concluded.*

Z-22 First cinquefoil high and nearer to foot of Liberty than to I. *Spacing between second and third cinquefoils very perceptibly wider than between third and fourth.* Last cinquefoil very near or touching upper period of colon. Branch short and pointing at edge between second and third cinquefoils. Top of upper leaf about opposite the right edge of second cinquefoil. Branch-hand opposite E. N, struck with the same altered punch as in Z-21.

Heavy break near milling to right of fourth cinquefoil.

Combination 33-12 Z-22 For Obverse 33, see page 14.

---

Z-23 *Second, third and fourth cinquefoils about equidistant.* Top of upper leaf slightly below the right edge of second cinquefoil. Top leaf disconnected and pointing at centre of third cinquefoil. Branch-hand opposite space between D and E. B, low.

Break from milling touching lower right corner of L.

Combination 33-36 Z-23 For Obverse 33, see page 18.

---

Z-24 Top of branch opposite a point about midway between the second and third cinquefoils. *Lower period of last colon entirely upon shield.* First I, low and doubly cut. B, made with an R punch altered. Right lower corner of both E's long.

Combinations 33-14 Z-24 33-25 Z-24 For Obverse 33, see pages 15 and 16.

---

1787. Reverse $A^2$.

• FNDE . • • • • ETLIB . •

Mr. Crosby records one die of this Reverse combined with Obverse 32.

N, doubly cut. Right upper portion of T, long, similar to, if not identical with, the T punch used with Obverse 32-5.

Combination 32-5 $A^2$ For Obverse 32, see page 11.

Also combined with an undescribed Obverse with large letters.

---

1787. Reverse $B^2$.

× INDE : -+- -+- -+- ETLIR :

Mr. Crosby records one die of this Reverse combined with Obverse 26.

I have not been successful in finding this Reverse.

## 1787. Reverse $C^2$.

INDE : ET-LIR :

Mr. Crosby records two dies of this Reverse combined with Obverse 37.

Legend identical with Reverse $K^1$, with the exception of the final letter.

$C^2$-1 Top leaf points at large dot of ornament, terminating slightly below the same. First scroll well clear of goddess. *Branch-hand opposite D, and space between D and E.* I and R, successively low. The final letter has the appearance of an open B, the tail not curved to right.

Combination 37-4 / $C^2$-1 For Obverse 37, see page 21.

$C^2$-2 Top of branch terminates beneath but does not touch the large dot of ornament. First scroll well clear of goddess. *Branch-hand entirely opposite D.* The final letter has the appearance of an open B, the tail not curved to right.

Combination 37-14 / $C^2$-2 For Obverse 37, see page 22.

## 1787. Reverse $D^2$.

INDE : ET-LIR :

Mr. Crosby records one die of this Reverse combined with Obverse 37.

Legend identical with Reverse HH, with the exception of the final letter. I have not met with this die.

Dr Hall decided, that this is really Reverse H.H.

## 1787. Reverse $E^2$.

INDE : ET-LIR :

Mr. Crosby records one die of this Reverse combined with Obverses 37 and 39.

Top leaf points at large dot, the highest portion being opposite a point slightly below the left edge of same. Branch-hand opposite D, and space between D and E.

Combination 39-2 / $E^2$ For Obverse 39, see page 23.

## 1787. Reverse $F^2$.

INDE : ET-LIR :

Mr. Crosby records two dies of this Reverse combined with Obverses 34, 35 and 39.

Legend identical with Reverse $L^1$, with the exception of the final letter; the double fleurons pointing to left.

## Reverse $F^2$, *concluded.*

$F^2$-1 Lower period of last colon fully half below R. Second E, very near or touching hand. Tail of R, sharp and well defined. Index finger of pole-hand long and prominent.

Combinations $\frac{33\text{-}11}{F^2\text{-}1}$ and $\frac{34}{F^2\text{-}1}$

For Obverse 33, see page 14.
For Obverse 34, see page 20.

---

$F^2$-2 Highest portion of upper leaf opposite the right edge of first colon. Second E, distant from hand. Fleurons to right of head nearly unite. Tail of R, sharp and well defined.

See Crosby, Plate V. No. 22.

Combinations $\frac{36}{F^2\text{-}2}$ $\frac{37\text{-}2}{F^2\text{-}2}$ and $\frac{39\text{-}1}{F^2\text{-}2}$

For Obverse 36, see page 20.
For Obverse 37, see page 21.
For Obverse 39, see page 23..

---

## 1787. Reverse $G^2$.

• INDE : • •  • ETLIR : •

Mr. Crosby records one die of this Reverse combined with Obverse 31.

Legend similar to that of Reverse T, with the exception of the final letter.

---

$G^2$-1 First cinquefoil high. Last cinquefoil very near, or touching, shield. Lower period of first colon fully half below E, and near leaf.

Break from waist through lower portion of branch to D.

Combinations $\frac{31\text{-}1}{G^2\text{-}1}$ $\frac{33\text{-}15}{G^2\text{-}1}$ $\frac{33\text{-}36}{G^2\text{-}1}$ $\frac{33\text{-}38}{G^2\text{-}1}$

For Obverse 31, see page 10.
For Obverse 33, see pages 15 and 18.

---

$G^2$-2 Date-line triple. Last cinquefoil well clear of shield. Leaves distant from colon.

Break from lower right portion of shield, through cinquefoil and above RI to edge.

Combinations $\frac{33\text{-}13}{G^2\text{-}2}$ $\frac{33\text{-}37}{G^2\text{-}2}$

For Obverse 33, see pages 14 and 18.

---

## 1787. Reverse $H^2$.

• INDE : • • •  • ETLIR : •

Mr. Crosby records two dies of this Reverse combined with Obverses 30, 32 and 33.

Legend identical with Reverse Z, with the exception of the final letter.

Reverse $H^2$, *concluded.*

$H^2$-1 Second, third and fourth cinquefoils about equidistant. Last cinquefoil partly on shield. Tail of the R, sharp and well defined.

Combination 30 $H^{2}$-1 — For Obverse 30, see page 10.

---

$H^2$-2 Spacing between third and fourth cinquefoils very perceptibly wider than between second and third. Last cinquefoil well clear of shield. Tail of the R, short.

Combinations 33-11 $H^{2}$-2, 33-21 $H^{2}$-2, 33-44 $H^{2}$-2 — For Obverse 33, see pages 14, 16 and 19.

---

1787. Reverse $I^2$.

✤ INDE : ✤ ✤ ✤ ETIIB :

Mr. Crosby records one die of this Reverse combined with Obverse 41.

Lower period of last colon partly on shield.

Combination 41 $I^2$ — For Obverse 41, see page 23.

---

1787. Reverse $K^2$.

✤ INDE : ✤ ✤ ✤ ETIIB : ✤

Mr. Crosby records two dies of this Reverse combined with Obverses 26, 40 and 42.

$K^2$-1 Lower period of last colon partly on shield. Last star distant from colon.

Combinations 26 $K^{2}$-1 and 40 $K^{2}$-1 — For Obverse 26, see page 9. For Obverse 40, see page 23.

---

$K^2$-2 Lower period of last colon well clear of shield. Last star near colon. See Crosby, Plate V, No. 23.

Combination 42 $K^{2}$-2 — For Obverse 42, see page 24.

---

Reverses not shown upon Mr. Crosby's table.

1787. Reverse AA.

✤ INDE : ✤ ✤ ✤ ETLIB :

Letters large. Branch-hand opposite upright of E. B, partly on shield. Lower period of last colon entirely upon shield. Pointed extremity of upper sash opposite upright of T.

Combination 26 AA — For Obverse 26, see page 9.

### 1787. Reverse BB.

× INDE : + - + - + ETLIB ·

Letters large. Branch points at lowest portion of second cross. Branch-hand opposite right portion of E. B, on shield. 1 and both 7's encroach upon date-line.

Combination 46 BB

For Obverse 46, see page 24.

### 1787. Reverse CC.

+ INDE : - ⁜ - ⁜ - - + - ET LIB :

Letters small. Top of branch opposite the centre of first colon. Last colon clear of shield. Last 7, below date-line.

Combination 45 CC

For Obverse 45, see page 24.

### 1787. Reverse DD.

-+- INDE : + - + - - + - ET- LIB :

Letters small. Hyphen to right very near first cross. Hyphen to left of first cross distant from goddess. Hyphen to right of fourth cross clear of pole. Hyphen between ET and LIB, joins T. The highest portion of upper leaf near and about opposite the left extremity of second cross. Lower period of last colon touches shield. Branch-hand opposite space between D and E. All figures of date touch line.

Combination 54 DD

For Obverse 54, see page 26.

### 1787. Reverse EE.

• INDE : •- •- -• ET-LIB : •

There are traces of hyphens which are not indicated in legend above, but they are not sufficiently well marked to render their presence certain. Branch-hand opposite right portion of D. Top of branch touches lower edge of first colon. D, low. First 7 below date-line.

Combination 33-39 EE

For Obverse 33, see page 19.

### 1787. Reverse FF.

- + - INDE : + + + ET-LIB :

Letters small. Top of upper leaf opposite centre of colon. Branch-hand almost wholly opposite left portion of D. Lower period of last colon well clear of shield. Hyphen does not connect with T. 1 and both 7's below date-line.

Combinations 24 FF and 53 FF

For Obverse 24, see page 9.
For Obverse 53, see page 26.

## 1787. Reverse GG.

- ✚ - INDE : ✚ = ✚ - ✚- ET-LIB :

Letters small. Top leaf points at centre of lower period of first colon, terminating at a point between colon and E. Twelve leaves, or lateral branches, arranged in triplets. Branch-hand opposite upright of D, and space between N and D. Two hyphens between second and third cross placed one above the other, the upper light and feebly defined. Hyphen to right joins fourth cross.

Combination 38 GG

For Obverse 38, see page 23.

## 1787. Reverse HH.

✚✚ INDE : ✚✚✚- ✚ ET-LIB : ✚

Legend identical with Reverse D², with the exception of the final letter. Top of upper leaf very near lower right corner of E. Hyphen short. Branch-hand opposite space between N and D. The lower curved line, connecting the lower right corner of B with the upright, is weak, requiring sharp specimens for demonstration; in the majority of specimens the final letter shows as an R, the connecting line having been obliterated.

Combinations 37-3 HH and 37-5 HH

For Obverse 37, see page 21.

## 1787. Reverse KK.

✚ INDE : ✚ ✚ ✚ ET LIB : ✚

First E, altered from an F. Lower portion of L, imperfect, probably the effect of an alteration from I. Lower period of first colon large. Date-line defective over both 7's.

Combination 33-10 KK

For Obverse 37, see page 14.

## 1787. Reverse LL.

✚ INDE : ✚ ✚ ✚ ET-I IB : ✚

See Crosby, page 372.

Combinations 37-1 LL 37-5 LL

For Obverse 37, see pages 20 and 21.

## 1787. Reverse NN.

✱ INDE : ✱ ✱ ✱ ET · LIB :

Legend similar to N[1], a period being substituted for the hyphen found with the die of that Reverse. Branch points to left of second star. No curls. See Crosby, page 372.

Combination 16-2 NN

For Obverse 16, see page 7.

## 1787. Reverse RR.

✱✱ INDE : ✱✱✱ ✱✱ ET–LIB : ✱

Top leaf points at centre of large dot. Branch-hand opposite D and space between D and E. B, a trifle low. I, high.

Combination 37-10 RR

For Obverse 37, see page 22.

## 1787. Reverse SS.

✱ INDE : ✱ ✱– – ✱ ET ·LIB : ✱

Top leaf points at lower period of first colon. Lower left corner of E, about opposite wrist of pole-arm. First I, high, top leaning to left. T, high. Last 7, below date-line. Cinquefoils heavy.

Combinations 33-33 SS 33-39 SS

For Obverse 33, see pages 18 and 19.

## 1787. Reverse TT.

– ✱ – INDE : ✱ ✱ – ✱– ETLIB : ✱

Specimens examined poor. There are traces of hyphens which were not indicated in legend above, but not sufficiently well marked to render their presence certain. Bottoms of I and N, about upon the same curve. Wide spacing between I, N and D. Branch points at lower period of first colon. Branch-hand opposite upright of D and space between N and D. Hyphen to right connects with fourth cinquefoil. Cinquefoils heavy as in SS.

Combinations 37-1 TT

For Obverse 37, see page 20.

# COMBINATIONS OF 1787,

## WITH REFERENCE PAGES.

| Obv. | | Rev. | | For Obv. see page | For Rev. see page | No. of specimens examined. |
|---|---|---|---|---|---|---|
| 1–1 | | A | | 3 | 27 | |
| 1–2 | | C | | 3 | 27 | |
| 1–3 | | L | | 3 | 28 | |
| 2 | | B | | 3 | 27 | |
| 3 | | G | | 3 | 28 | |
| 4 | | L | | 4 | 28 | |
| 5 | | P | | 4 | 29 | |
| 6–1 | | M | | 4 | 29 | |
| 6–2 | | M | | 4 | 29 | |
| 7 | | I | | 4 | 28 | |
| 8 | | N | | 5 | 29 | |
| 8 | | O | | 5 | 29 | |
| 9 | | D | | 5 | 27 | |
| 9 | | E | | 5 | 27 | |
| 9 | | R | | 5 | 30 | |
| 10 | | E | | 5 | 27 | |
| 11–1 | | E | | 5 | 27 | |
| 11–2 | | K | | 6 | 28 | |
| 12 | | Q | | 6 | 29 | |
| 13 | | D | | 6 | 27 | |
| 14 | | H | | 6 | 28 | |
| 15 | | F* | | 7 | 27 | |
| 15 | | R | | 7 | 30 | |
| 15 | | S | | 7 | 30 | |
| 16–1 | | $M^1$ | | 7 | 35 | |
| 16–2 | | NN | | 7 | 51 | |
| 16–3 | | $L^1$–2 | | 7 | 35 | |
| 16–4 | | $N^1$ | | 7 | 35 | |
| 16–5 | | $N^1$ | | 7 | 35 | |
| 17 | | $G^1$–3 | | 7 | 32 | |
| 18 | | $G^1$–1 | | 8 | 32 | |
| 19 | | $G^1$–4 | | 8 | 33 | |
| 20 | | $A^1$–2 | | 8 | 31 | |

| Obv. | | Rev. | | For Obv. see page | For Rev. see page | No. of specimens examined. |
|---|---|---|---|---|---|---|
| 22 | | $G^{1}$–2 | | 8 | 32 | |
| 24 | | $G^{1}$–3 | | 9 | 32 | |
| 24 | | $G^{1}$–5 | | 9 | 33 | |
| 24 | | FF | | 9 | 49 | |
| 25 | | $B^{1}$ | | 9 | 31 | |
| 25 | | $M^{1}$ | | 9 | 35 | |
| 26 | | $A^{1}$–1 | | 9 | 30 | |
| 26 | | $K^{2}$–1 | | 9 | 48 | |
| 26 | | AA | | 9 | 48 | |
| 27 | | $A^{1}$–1 | | 10 | 30 | |
| 28 | | $M^{1}$ | | 10 | 35 | |
| 28 | | $N^{1}$ | | 10 | 35 | |
| 29 | | $A^{1}$–2 | | 10 | 31 | |
| 29 | | $N^{1}$ | | 10 | 35 | |
| 29 | | $P^{1}$ | | 10 | 35 | |
| 30 | | X–1 | | 10 | 38 | |
| 30 | | $H^{2}$–1 | | 10 | 48 | |
| 31–1 | | $R^{1}$–4 | | 10 | 36 | |
| 31–1 | | $G^{2}$–1 | | 10 | 47 | |
| 31–2 | | $R^{1}$–3 | | 11 | 36 | |
| 32–1 | | X–3 | | 11 | 39 | |
| 32–2 | | V | | 11 | 37 | |
| 32–2 | | X–1 | | 11 | 38 | |
| 32–2 | | X–2 | | 11 | 39 | |
| 32–2 | | X–4 | | 11 | 39 | |
| 32–3 | | V | | 11 | 37 | |
| 32–3 | | X–4 | | 11 | 39 | |
| 32–4 | | X–5 | | 11 | 39 | |
| 32–4 | | Z–3 | | 11 | 40 | |
| 32–5 | | $A^{2}$ | | 11 | 45 | |
| 32–6 | | X–6 | | 12 | 39 | |
| 32–7 | | X–1 | | 12 | 38 | |
| 32 ? | | $A^{2}$ | | | 45 | |
| 33–1 | | $S^{1}$–2 | | 12 | 37 | |
| 33–2 | | Z–9 | | 12 | 42 | |
| 32–3 | | W–1 | | 12 | 38 | |
| 33–4 | | Z–7 | | 13 | 41 | |
| 33–4 | | Z–8 | | 13 | 41 | |
| 33–5 | | $R^{1}$–1 | | 13 | 36 | |

| Obv. | | Rev. | | For Obv. see page | For Rev. see page | No. of specimens examined. |
|---|---|---|---|---|---|---|
| 33–6 | | $L^1$–2 | | 13 | 35 | |
| 33–6 | | Z–15 | | 13 | 43 | |
| 33–7 | | $R^1$–2 | | 13 | 36 | |
| 33–7 | | $R^1$–4 | | 13 | 36 | |
| 33–7 | | Z–10 | | 13 | 42 | |
| 33–8 | | Z–13 | | 13 | 43 | |
| 33–8 | | Z–19 | | 13 | 44 | |
| 33–9 | | T–2 | | 14 | 37 | |
| 33–10 | | KK | | 14 | 50 | |
| 33–11 | | $Q^1$ | | 14 | 36 | |
| 33–11 | | Z–1 | | 14 | 40 | |
| 33–11 | | Z–6 | | 14 | 41 | |
| 33–11 | | Z–7 | | 14 | 41 | |
| 33–11 | | $F^2$–1 | | 14 | 47 | |
| 33–11 | | $H^2$–2 | | 14 | 48 | |
| 33–12 | | Z–5 | | 14 | 41 | |
| 33–12 | | Z–12 | | 14 | 42 | |
| 33–12 | | Z–17 | | 14 | 43 | |
| 33–12 | | Z–21 | | 14 | 44 | |
| 33–12 | | Z–22 | | 14 | 45 | |
| 33–13 | | $R^1$–1 | | 14 | 36 | |
| 33–13 | | $G^2$–2 | | 14 | 47 | |
| 33–13 | | ? | | 14 | | |
| 33–14 | | W–3 | | 15 | 38 | |
| 33–14 | | Z–16 | | 15 | 43 | |
| 33–14 | | Z–21 | | 15 | 44 | |
| 33–14 | | Z–24 | | 15 | 45 | |
| 33–15 | | Z–18 | | 15 | 44 | |
| 33–15 | | $G^2$–1 | | 15 | 47 | |
| 33–16 | | Z–13 | | 15 | 43 | |
| 33–16 | | Z–19 | | 15 | 44 | |
| 33–17 | | Z–14 | | 15 | 43 | |
| 33–18 | | $Q^1$ | | 15 | 36 | |
| 33–18 | | Z–2 | | 15 | 40 | |
| 33–19 | | $Q^1$ | | 16 | 36 | |
| 33–19 | | Z–1 | | 16 | 40 | |
| 33–19 | | Z–2 | | 16 | 40 | |
| 33–21 | | Z–4 | | 16 | 41 | |
| 33–21 | | $H^2$–2 | | 16 | 48 | |

| Obv. | | Rev. | | For Obv. see page | For Rev. see page | No. of specimens examined. |
|---|---|---|---|---|---|---|
| 33-22 | | Z-10 | | 16 | 42 | |
| 33-23 | | $R^1$-4 | | 16 | 36 | |
| 33-23 | | Z-16 | | 16 | 43 | |
| 33-24 | | Z-11 | | 16 | 42 | |
| 33-24 | | Z-16 | | 16 | 43 | |
| 33-24 | | Z-20 | | 16 | 44 | |
| 33-25 | | W-3 | | 16 | 38 | |
| 33-25 | | Z-10 | | 16 | 42 | |
| 33-25 | | Z-24 | | 16 | 45 | |
| 33-26 | | W-3 | | 17 | 38 | |
| 33-26 | | W-5 | | 17 | 38 | |
| 33-29 | | Z-1 | | 17 | 40 | |
| 33-29 | | Z-2 | | 17 | 40 | |
| 33-30 | | Z-3 | | 17 | 40 | |
| 33-30 | | Z-11 | | 17 | 42 | |
| 33-31 | | W-2 | | 17 | 38 | |
| 33-31 | | Z-3 | | 17 | 40 | |
| 33-31 | | Z-11 | | 17 | 42 | |
| 33-32 | | Z-9 | | 17 | 42 | |
| 33-33 | | T-1 | | 18 | 37 | |
| 33-33 | | T-2 | | 18 | 37 | |
| 33-33 | | SS | | 18 | 51 | |
| 33-34 | | $S^1$-1 | | 18 | 37 | |
| 33-34 | | Z-20 | | 18 | 44 | |
| 33-35 | | Z-13 | | 18 | 43 | |
| 33-36 | | Z-1 | | 18 | 40 | |
| 33-36 | | Z-6 | | 18 | 41 | |
| 33-36 | | Z-23 | | 18 | 45 | |
| 33-36 | | $G^2$-1 | | 18 | 47 | |
| 33-37 | | $G^2$-2 | | 18 | 47 | |
| 33-38 | | Z-7 | | 18 | 41 | |
| 33-38 | | $G^2$-1 | | 18 | 47 | |
| 33-39 | | EE | | 19 | 49 | |
| 33-39 | | SS | | 19 | 51 | |
| 33-40 | | Z-11 | | 19 | 42 | |
| 33-41 | | Z-9 | | 19 | 42 | |
| 33-44 | | $Q^1$ | | 19 | 36 | |
| 33-44 | | $H^2$-2 | | 19 | 48 | |
| 33-45 | | W-3 | | 19 | 38 | |

| Obv. | | Rev. | | For Obv. see page | For Rev. see page | No. of specimens examined. |
|---|---|---|---|---|---|---|
| 33–46 | | W–2 | | 19 | 38 | |
| 33–50 | | Z–2 | | 20 | 40 | |
| 34 | | $K^1$–3 | | 20 | 34 | |
| 34 | | $F^2$–1 | | 20 | 47 | |
| 36 | | $K^1$–3 | | 20 | 34 | |
| 36 | | $L^1$–1 | | 20 | 34 | |
| 36 | | $F^2$–2 | | 20 | 47 | |
| 37–1 | | LL | | 20 | 50 | |
| 37–1 | | TT | | 20 | 51 | |
| 37–2 | | $F^2$–2 | | 21 | 47 | |
| 37–3 | | HH | | 21 | 50 | |
| 37–4 | | $C^2$–1 | | 21 | 46 | |
| 37–5 | | $K^1$–2 | | 21 | 34 | |
| 37–5 | | HH | | 21 | 50 | |
| 37–5 | | LL | | 21 | 50 | |
| 37–6 | | $E^1$ | | 21 | 31 | |
| 37–7 | | $E^1$ | | 21 | 31 | |
| 37–8 | | $K^1$–1 | | 21 | 34 | |
| 37–9 | | $I^1$ | | 22 | 33 | |
| 37–10 | | RR | | 22 | 51 | |
| 37–11 | | B | | 22 | 27 | |
| 37–11 | | $K^1$–4 | | 22 | 34 | |
| 37–12 | | $K^1$–5 | | 22 | 34 | |
| 37–13 | | $H^1$–2 | | 22 | 33 | |
| 37–14 | | $C^2$–2 | | 22 | 46 | |
| 38 | | $L^1$–2 | | 23 | 35 | |
| 38 | | GG | | 23 | 50 | |
| 39–1 | | $H^1$–1 | | 23 | 33 | |
| 39–1 | | $F^2$–2 | | 23 | 47 | |
| 39–2 | | $E^2$ | | 23 | 46 | |
| 40 | | N | | 23 | 29 | |
| 40 | | $K^2$–1 | | 23 | 48 | |
| 41 | | $I^2$ | | 23 | 48 | |
| 42 | | $O^1$ | | 24 | 35 | |
| 42 | | $K^2$–2 | | 24 | 48 | |
| 43 | | Y | | 24 | 39 | |
| 44 | | W–4 | | 24 | 38 | |
| 44 | | W–5 | | 24 | 38 | |
| 44 | | Z–10 | | 24 | 42 | |

| Obv. | | Rev. | | For Obv. see page | For Rev. see page | No. of specimens examined. |
|---|---|---|---|---|---|---|
| 45 | | CC | | 24 | 49 | |
| 46 | | BB | | 24 | 49 | |
| 47 | | ? | | 25 | | |
| 48 | | $G^1$–5 | | 25 | 33 | |
| 49 | | Z–1 | | 25 | 40 | |
| 50 | | F* | | 25 | 27 | |
| 51 | | $O^1$ | | 25 | 35 | |
| 52 | | G | | 26 | 28 | |
| 53 | | FF | | 26 | 49 | |
| 54 | | DD | | 26 | 49 | |

ge 3. Obv. 2-1. Second line for Dickinson, read Dickson.
ge 44. Rev. Z-21. Fifth line for adjoining, read adjacent.